

# OREGON OSHA

Batch ID: 415

Employer / Loc: 8200354 000 Seq: 003

Employer Name: EKSTROM NURSERY INC

File Type / No: INSPECTION 317716566

No. of Pages:

Comments:



01317716566003

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY															
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece or on the front if space permits.</p>		<p>A. Signature  <input checked="" type="checkbox"/> Addressee  <input type="checkbox"/> Agent</p>															
<p>1. Article Addressed to:</p>		<p>B. Received by (Printed Name) C. Date of Delivery          12/20/17 6/15</p>															
<p>Ekstrom Nursery Inc          H 8200354-000          317716566 (91)          06/14/2017 HL</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>															
<p>2. Article Number (Transfer from service label)          7016 1370 0001 2229 1822</p>		<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table>		<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Mail Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™																
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery																
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise																
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™																
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery																
<input type="checkbox"/> Mail Restricted Delivery (over \$500)																	
<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>Domestic Return Receipt</p>															

**Oregon Department of Consumer and Business Services**

Oregon Occupational Safety and Health Division (Oregon OSHA)

16760 SW Upper Boones Ferry Rd, Suite 200

Tigard, OR 97224

Phone: 503-229-5910

**RECEIVED**

JUL 5 2017

DCBS/OR-OSHA  
Portland Office

**LETTER OF CORRECTIVE ACTION**

**Citation 1 Item 1a** The employer did not provide employees with an emergency eyewash, shower, or both to decontaminate themselves when employees used a chemical substance that could cause corrosion or permanent tissue damage to the eyes or when areas of the body could be exposed to quantities of materials that are either corrosive or toxic by skin absorption.

Correction Required Date: 06/24/2017

Date Corrected: 5/31/2017

Describe Correction:

#1  
eye wash station purchased 5/24  
delivered 5/30/17  
installed 5/31/17 - Employee room

#2 6/19/2017

#2  
Eye Wash station mounted on spray truck 6/19/2017

**Citation 1 Item 1b** When a chemical-resistant apron was specified by the product labeling, an apron that covered the front of the body from mid-chest to the knees was not worn.

Correction Required Date: 06/24/2017

Date Corrected: 6/13/2017

Describe Correction:

Spray application requires apron so  
Apron was used by Employee.

## Oregon Department of Consumer and Business Services

Oregon Occupational Safety and Health Division (Oregon OSHA)

16760 SW Upper Boones Ferry Rd, Suite 200

Tigard, OR 97224

Phone: 503-229-5910

### LETTER OF CORRECTIVE ACTION

**Citation 2 Item 2** When respirators were necessary to protect the health of workers or when workers were required to wear them, the employer did not have an effective, written respiratory protection program, managed by a knowledgeable person, with procedures specific to the work site.

Correction Required Date: 07/01/2017

Date Corrected: 6/3/2017

Describe Correction:

Respirator Filters purchased 5/24

As required respirator has been used

by employee.

KASCO - PAPER

**Citation 2 Item 3** The employer did not provide medical evaluations to determine workers' ability to use a respirator safely.

Correction Required Date: 07/01/2017

Date Corrected: 6/26/2017

Describe Correction:

Providence Occupational Medicine

see attached



**Occupational Medicine****RESPIRATOR MEDICAL CERTIFICATION**

Employee Name: Roher, Jack  
DOB: Not Provided  
Employer: Self pay review  
Date of Service: 06/26/17

The above named individual has on this date undergone a medical evaluation for his or her ability to wear a respirator. This evaluation included:

- ☒ OSHA Respirator Questionnaire (mandatory).  
☐ OSHA Respirator Questionnaire (mandatory) AND medical examination. —

Based on this evaluation:

- ☒ No limitations exist that prohibit this individual from using respiratory protective equipment.  
☐ A medical examination is indicated for this employee.  
☐ The following limitations in the use of respiratory protective equipment exist.

\* Follow-up medical evaluation recommended in: per OSHA recommendation on potential exposure  
The employee has been provided with a copy of this written recommendation.

\* Additional medical evaluation should be provided for this employee if:

- (i) He or she reports medical signs or symptoms related to the ability to use a respirator;  
(ii) A physician or other licensed health care professional, supervisor or the respirator program administrator informs the employer that an employee needs to be re-evaluated;  
(iii) Information from the respiratory protection program, including observation made from fit testing and program evaluation, indicates a need for employee re-evaluation;  
A change occurs in workplace conditions (e.g. physical work effort, protective clothing, temperature) that may result in a substantial increase in the physiologic burden placed on an employee.

Physician's Signature: May Pierce, ANP

Date: 06/26/17

☐ Mailed in Questionnaire- Patients copy mailed to address on file.

**Providence Occupational Medicine**

Phone: 503.216.7960

[www.providence.org/occhealth](http://www.providence.org/occhealth)

☐ Clackamas ☒ Mill Plain ☐ Northwest ☐ Tanasbourne

G: OccHealth\Clinic PDF Forms\Medical Surveillance Eval.doc

**Providence Occupational Health**  
**Mill Plain**

315 SE Stonemill Dr. Suite 200  
Vancouver, WA 98684  
Phone (360)836-3320 Fax (360)836-3325

# Oregon Department of Consumer and Business Services

Oregon Occupational Safety and Health Division (Oregon OSHA)

16760 SW Upper Boones Ferry Rd, Suite 200

Tigard, OR 97224

Phone: 503-229-5910

## LETTER OF CORRECTIVE ACTION

**Citation 2 Item 4** The information was not displayed in the location specified for the pesticide safety poster in 40 CFR 170.135(d).

Correction Required Date: 07/01/2017

Date Corrected: Dunhy Sarah's  
visit

Describe Correction:

Poster is mounted by the time clock

both English & Spanish

**Oregon Department of Consumer and Business Services**

Oregon Occupational Safety and Health Division (Oregon OSHA)

16760 SW Upper Boones Ferry Rd, Suite 200

Tigard, OR 97224

Phone: 503-229-5910

---

**LETTER OF CORRECTIVE ACTION**

---

There are a total of 5 item(s) to be abated.

If you were cited for any safety committee violations, please answer if this contact with Oregon OSHA assisted you in making your safety committee more effective: Yes \_\_\_\_\_ or No \_\_\_\_\_

Comments:

I certify that the above violations have been abated/corrected as documented by the date abated and the corrective action taken.

Employer Signature: \_\_\_\_\_

Name: \_\_\_\_\_

(Print)

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

Date: \_\_\_\_\_

Oregon OSHA Reviewer's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**RECEIVED**

JUL 5 2017

DCBS/OR-OSHA  
Portland Office

JUL 7 17 OR OSHA SCO

Ekstrom Nursery Inc

Tuesday, June 13, 2017

2:55:37 PM

Page 5 of 5

Inspection Number: 317716566

Inspection Date(s): 05/18/2017-06/01/2017

Issuance Date: 06/14/2017

Optional Rpt Num: K7419-030-17

# Oregon Department of Consumer and Business Services

Oregon Occupational Safety and Health Division (Oregon OSHA)

16760 SW Upper Boones Ferry Rd, Suite 200, Tigard, OR 97224

Phone: 503-229-5910



## INVOICE/DEBT COLLECTION NOTICE

**Company Name:** Ekstrom Nursery Inc  
**Inspection Site:** 1600 SE 282nd Ave Gresham, OR 97080  
**Issuance Date:** 06/14/2017

**REPRINT**

**Summary of Penalties for Inspection Number 317716566**

Citation 1, Serious	\$ 180.00
Citation 2, Other than Serious	\$ 0.00
<b>Total Proposed Penalties</b>	<b>\$ 180.00</b>

### PLEASE RETURN COPY OF THIS INVOICE WITH PAYMENT

Oregon Revised Statutes, Chapter 654, the Oregon Safe Employment Act. Subsection 654.086(3) states: "When an order assessing a civil penalty becomes final by operation of law or an appeal, unless the amount of penalty is paid within 20 days after the order becomes final\*, it constitutes a judgment and may be filed with the county clerk in any county of this state. The clerk shall thereupon record the name of the person incurring the penalty and the amount of the penalty in the judgment docket. The penalty provided in the order so docketed shall become a lien upon the title to any interest in property owned by the person against whom the order is entered, and execution upon a judgment of a court or record." \*(Final order is defined as 30 days after receipt of the citation, unless it is appealed.)

To avoid additional charges, remit the total amount of the uncontested penalties summarized above. Please pay online at <http://osha.oregon.gov/rules/enf/Pages/citations.aspx>, call 503-947-7891 to pay by credit card over the telephone, or remit payment promptly to the mailing address shown below. Make your check or money order payable to: "Department Of Consumer & Business Services (DCBS)". **Please write Inspection Number 317716566** on the remittance and include a copy of this invoice with your payment.

Mail your payments to: **DCBS**  
**Fiscal Services Section - Oregon OSHA**  
**PO Box 14610**  
**Salem, OR 97309-0445**

**062117-034-006-001 0345 0000018000**

Employer ID #: 8200354-000  
Company Name: Ekstrom Nursery Inc  
Opt Rpt Num: K7419-030-17      Region ID #: 1054191      Fiscal use only 51101 0345

50317716566061420170000180005



# Oregon Department of Consumer and Business Services

Oregon Occupational Safety and Health Division (Oregon OSHA)

16760 SW Upper Boones Ferry Rd, Suite 200

Tigard, OR 97224

Phone: 503-229-5910



## Citation and Notification of Penalty

**To:**

Donald E Ekstrom, President

Ekstrom Nursery Inc

1600 SE 282nd Ave

Gresham, OR 97080

**Inspection Number:** 317716566(91)

**Inspection Date(s):** 05/18/2017-06/01/2017

**Issuance Date:** 06/14/2017

**Optional Rpt Num:** K7419-030-17

**Employer ID No:** 8200354-000

**Inspection Site:**

1600 SE 282nd Ave

Gresham, OR 97080

*The violation(s) described in this Citation and Notification of Penalty is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated.*

In the interest of assuring a safe and healthy workplace, the Oregon Occupational Safety and Health Division (Oregon OSHA) conducted an inspection at a workplace under your control. During this inspection, violations of the Oregon Safe Employment Act and occupational health and/or safety rules were found.

This citation lists the violations and a date by which they must be corrected. If you are not able to correct the violations by the correction date, you must apply for an extension of the correction date by following the instructions outlined later in this citation. Oregon laws require that under certain conditions violations of occupational safety and health rules carry a civil penalty. If penalties have been assessed on this citation, they have been computed in conformity with Oregon Administrative Rules, Chapter 437, Division 1. If you want to appeal this citation, file your request for hearing within 30 calendar days as outlined on the next page. If you choose not to appeal this citation, it becomes a final order 30 calendar days after receiving it. You must abate the violations referred to in this Citation by the dates listed, and pay the proposed penalties.

An effective Safety and Health program not only assures the correction of cited violations, it also requires actions to prevent violations from recurring. Through continued cooperation of employers, employees and Oregon OSHA, a safe and healthful workplace for all Oregon employees can be achieved.

Michael D. Wood, Administrator

Oregon OSHA

**Posting** - The law requires that a copy of this Citation and Notification of Penalty be posted immediately in a prominent place at or near the location of the violation(s) cited herein, or, if it is not practicable because of the nature of the employer's operations, where it will be readily observable by all affected employees. This Citation must remain posted until the violation(s) cited has (have) been abated, or for 3 working days (excluding weekends and holidays), whichever is longer.

**Penalty PAYMENT** - Penalties are due 20 days after the citation becomes final order (which is 30 days after receipt of this citation, unless appealed). Either make your check or money order payable to "Department of Consumer & Business Services (DCBS)", and mail to **DCBS, Fiscal Services Section, PO Box 14610, Salem OR 97309-0445**, or pay online at <http://osha.oregon.gov/rules/enf/Pages/citations.aspx>. Please include the Inspection Number on the remittance and return a copy of the invoice with payment. Oregon OSHA does not agree to any restrictions or conditions or endorsements put on any check or money order for less than the full amount due, and will cash the check or money order as if they do not exist.

**Employer APPEAL Rights** - To appeal a citation, you must clearly state in writing that you are requesting a hearing on the citation and specify the alleged violation(s) contested and the grounds upon which you consider the citation, proposed penalty(ies), or correction period to be unlawful. The request for an appeal must be filed within **30** calendar days of receipt of the citation. You can file an appeal in writing or on-line at [osha.oregon.gov/pages/appeals.aspx](http://osha.oregon.gov/pages/appeals.aspx). An appeal is considered filed on the date of the postmark, if mailed, or on the date of receipt if transmitted by other means. If mailed, the appeal letter should be sent to: **Oregon OSHA, PO Box 14480, Salem OR 97309-0405**.

A request for an informal conference alone is not an appeal of a citation, and any unresolved issues discussed at an informal conference will not be forwarded for appeal unless there is a timely request for hearing filed. **If you do not request a hearing within the required time frame, this citation will become a final order that is not subject to review by any agency or court.**

**IMPORTANT NOTE:** Appealing a serious violation or the reasonableness of the correction date does not automatically extend the correction date. You may apply for an extension of the correction date through Oregon OSHA or request an expedited hearing on the issue of the correction date with the Workers' Compensation Board Hearings Division (Oregon Revised Statute 654.078(6)).

**Letter of Corrective Action** - You are required to complete and mail the enclosed Letter of Corrective Action to the appropriate field office on or before the latest correction date on the citation. Please provide a detailed explanation and supporting documentation (if necessary), such as drawings or photographs of corrected violations, purchase or work orders, air sampling results, etc.

**EXTENSION of Correction Date** - To apply for an extension for correcting a violation, go online to submit a written request to <http://osha.oregon.gov/pages/appeals.aspx>, or submit a written request to the **office listed on the "Letter of Corrective Action"** and include:

- (1) Employer name and address.
- (2) The location of the place of employment.
- (3) The inspection number and optional report number.
- (4) The violation number for which the extension is sought.
- (5) The reason for the request.
- (6) All available interim steps being taken to safeguard employees against the cited hazard during the requested extended correction period.
- (7) The date by which you propose to complete the correction.
- (8) A statement that a copy of the request for extension has been posted as required by OAR 437-001-0275(2)(d) and (j) or for at least 10 days, whichever is longer; and, if appropriate, provided to the authorized representative of affected employees; and, certification of the date upon which the posting or service was made.

Your request must be postmarked or received by the Department no later than the correction date of the violation for which the extension is sought.



**Employer Discrimination Unlawful** - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint with the Bureau of Labor & Industries (BOLI) no later than 90 days after the discrimination occurred.

**Notice to Employees** - The law gives an employee or his/her representative the opportunity to object to any abatement date set for a violation if he/she believes the date is unreasonable. The objection letter must be mailed to Oregon OSHA and postmarked within 30 calendar days of the receipt by the employer of this Citation and Notification of Penalty.

**Adopting Federal Rules by Reference** - Whenever federal rules have been adopted by reference, the federal rule number has been noted in the citation. If information is needed regarding the Oregon standard, contact the Oregon OSHA field office addressed at the top of the first page of this citation.

**Posting on the Internet** - Federal OSHA publishes information on all inspections and citation activity on the Internet under the provisions of the Electronic Freedom of Information Act. The information related to your inspection will be available not sooner than 30 calendar days after the Citation Issuance Date. You are encouraged to review the information concerning your establishment at [www.osha.gov](http://www.osha.gov). If you have any dispute with the accuracy of the information displayed, please contact this office.

If you would like to discuss this citation, call the Oregon OSHA office in your area:

Portland 503-229-5910

Salem 503-378-3274

Medford 541-776-6030

Eugene 541-686-7562

Bend 541-388-6066

# Oregon OSHA

Oregon Department of Consumer and Business Services

Inspection Number: 317716566  
Inspection Date(s): 05/18/2017-06/01/2017  
Issuance Date: 06/14/2017



## Citation and Notification of Penalty

Optional Rpt Num: K7419-030-17

Company Name: Ekstrom Nursery Inc

Inspection Site: 1600 SE 282nd Ave, Gresham, OR 97080

The alleged violations below have been grouped because they involve similar or related hazards that may increase the potential for illness and/or injury.

### Citation 1 Item 1a Type of Violation: **Serious**

OAR 437-004-1305(5)(a): The employer did not provide employees with an emergency eyewash, shower, or both to decontaminate themselves when employees used a chemical substance that could cause corrosion or permanent tissue damage to the eyes or when areas of the body could be exposed to quantities of materials that are either corrosive or toxic by skin absorption:

- a) At the time of inspection, it was determined that Dursban 50W had been used by an employee. Dursban is corrosive. No emergency eye wash was at the mix site.

Date by Which Violation Must be Abated:	06/24/2017
Proposed Penalty:	\$180.00

### Citation 1 Item 1b Type of Violation: **Serious**

40 CFR 170.240(c)(8): When a chemical-resistant apron was specified by the product labeling, an apron that covered the front of the body from mid-chest to the knees was not worn:

- a) At the time of inspection it was determined that Dursban 50W and Dimension 2EW was mixed and applied by an employee. The product label required the use of a chemical resistant apron. An apron was not used.

Date by Which Violation Must be Abated:	06/24/2017
Proposed Penalty:	\$0.00

### Citation 2 Item 2 Type of Violation: **Other than Serious**

OAR 437-004-1041(3)(a): When respirators were necessary to protect the health of workers or when workers were required to wear them, the employer did not have an effective, written respiratory protection program, managed by a knowledgeable person, with procedures specific to the work site:

- a) At the time of inspection, it was determined that one employee handled Dursban 50W which requires respiratory protection. The employee had a Kasco powered air purifying respirator. The employer did not have a written respiratory protection program.

**Oregon OSHA**

Oregon Department of Consumer and Business Services

Inspection Number: 317716566

Inspection Date(s): 05/18/2017-06/01/2017

Issuance Date: 06/14/2017

**Citation and Notification of Penalty**

Optional Rpt Num: K7419-030-17

Company Name: Ekstrom Nursery Inc

Inspection Site: 1600 SE 282nd Ave, Gresham, OR 97080

Date by Which Violation Must be Abated:	07/01/2017
Proposed Penalty:	\$0.00

**Citation 2 Item 3** Type of Violation: **Other than Serious**

OSHA 437-004-1041(5)(a): The employer did not provide medical evaluations to determine workers' ability to use a respirator safely:

a) At the time of inspection it was determined that one employee handled Dursban 50W. The product label requires respiratory protection. The employee wore a Kasco powered air purifying respirator. The employer did not ensure the employee completed a medical evaluation before use.

Date by Which Violation Must be Abated:	07/01/2017
Proposed Penalty:	\$0.00

**Citation 2 Item 4** Type of Violation: **Other than Serious**

40 CFR 170.122(a): The information was not displayed in the location specified for the pesticide safety poster in 40 CFR 170.135(d):

a) At the time of inspection products such as Gallery SC, Dimension 2 EW, Dursban 50W and Pageant had been used within the previous 30 days. The employer did not have the pesticide spray application log available to employees at the central posting area.

Date by Which Violation Must be Abated:	07/01/2017
Proposed Penalty:	\$0.00

**Citation 2 Item 5** Type of Violation: **Other than Serious**

40 CFR 170.135(c)(1): The name, address, and telephone number of the nearest emergency medical care facility was not on the safety poster or displayed close to the safety poster:

a) At the time of the inspection, the employer did not have emergency facility information available at the central posting location or on the EPA Pesticide Safety poster.

**THIS VIOLATION WAS COMPLIED WITH AT THE TIME OF INSPECTION.**

COPY



# Oregon OSHA

Oregon Department of Consumer and Business Services

Inspection Number: 317716566

Inspection Date(s): 05/18/2017-06/01/2017

Issuance Date: 06/14/2017



## Citation and Notification of Penalty

Optional Rpt Num: K7419-030-17

Company Name: Ekstrom Nursery Inc

Inspection Site: 1600 SE 282nd Ave, Gresham, OR 97080

Proposed Penalty:

\$0.00

Total Proposed Penalties:

\$180.00

# OREGON OSHA INSPECTION SUPPLEMENT



1. IMIS no.: 317716566 2. Opt rpt no.: K749-031-17 3. Emp. no.: \_\_\_\_\_

4. Date: 5/18/12 Time on site: 10:45 am Time out: 12:45 Travel time: 90 mins  
5/24/12 9:00 am 11:00 am 40 mins  
6/1/12 9:30 am \_\_\_\_\_ \_\_\_\_\_

5. Total inspection time: \_\_\_\_\_ 6. Legal entity: ☐ Corporation ☐ Partnership ☐ Sole

7. Legal name: Ekstrom Nursery Inc.

8. DBA: \_\_\_\_\_ E-mail: ekstrom.nsy@frontier.com

9. Phone: (503) 663-4035 Cell/fax: \_\_\_\_\_

10. Site address: \_\_\_\_\_

11. Mailing address: \_\_\_\_\_

12. Employed in establishment: 27 Covered by inspection: 27 Employed in Oregon: 27 13. Statewide average DART: \_\_\_\_\_

14. OSHA 300 Logs: year \_\_\_\_\_ year \_\_\_\_\_ year \_\_\_\_\_  
H I H I H I

Hours worked each year: \_\_\_\_\_

DART rate: \_\_\_\_\_

Formula:  $H + I \times 200,000 \div \text{hours worked} = \text{DART rate}$

15. Type of operation: \_\_\_\_\_ 16. SIC: \_\_\_\_\_ 17. NAICS: \_\_\_\_\_

18. Management representatives:

	Title	Opening	Insp.	Closing
<u>Don Ekstrom</u>	<u>owner</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Jack Kone</u>	<u>Gen. Mgr. - Sprays &amp; Shipping</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

19. Employee representatives:

	Title	Opening	Insp.	Closing
<u>Interviews</u>	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. Photos taken: Yes No Video: Yes No Audio: \_\_\_\_\_ (# of tapes)

21. Workers' comp. insurance carrier: SATF Number: \_\_\_\_\_

22. Union name/address: N/A

23. Does employer lease any employees? Yes No Leasing co. name: \_\_\_\_\_

24. Citation copies: \_\_\_\_\_

COMPLIANCE OFFICER: Sarah Grall DATE: 5/18/12  
Print name

# OR-OSHA DIVISION

## INDEX OF VIOLATIONS: SEVERITY, PROBABILITY & DOCUMENTATION

For Inspection Number 317716566

Questions?

Contact  
Andrew Gawne  
(503) 947-7192

Oregon OSHA - ENFORCEMENT

06/09/17 11:22 AM

Establishment Ekstrom Nursery Inc

Optional Report K7419 - 030-17

AVD Item No	01 - 001a	Violation Type #	Serious	Final Penalty	180.00	Days to Correct	7	Sign C/W Pg #
Rule No	OAR 437-004-1305(5)(a): The employer did not provide employees with an emergency eyewash, shower, or both to decontaminate themselves when employees used a chemical substance that could cause corrosion or permanent tissue damage to the eyes or when areas of the body could be exposed to quantities of materials that are either corrosive or toxic by skin absorption:							
Variable Language	a) At the time of inspection, it was determined that Dursban 50W had been used by an employee. Dursban is corrosive. No emergency eye wash was at the mix site.							
Employer Knowledge Pg	10,15,41,43,53							
Violation Pg #	14,20,21,41,43,53,76							
Probability & Justification	Low: low-handled by one trained pesticide handler employee. The employee wore an enclosed Kasco respirator which provided full face protection.							
Severity	Serious: serious-irreversible eye damage							

AVD Item No	01 - 001b	Violation Type #	Serious	Final Penalty	180.00	Days to Correct	7	Sign C/W Pg #
Rule No	40 CFR 170.240(c)(8): When a chemical-resistant apron was specified by the product labeling, an apron that covered the front of the body from mid-chest to the knees was not worn:							
Variable Language	a) At the time of inspection it was determined that Dursban 50W and Dimension 2EW was mixed and applied by an employee. The product label required the use of a chemical resistant apron. An apron was not used.							
Employer Knowledge Pg	10,12,13,15,43,53							
Violation Pg #	43,53							
Probability & Justification	Low: low-one trained pesticide handler employee mixed the product. The employee was wearing a Tyvek suit and had extra suits available. Danger product of high toxicity in use.							
Severity	Serious: serious-pesticide poisoning, skin burns.							



# OR-OSHA DIVISION

## INDEX OF VIOLATIONS: SEVERITY, PROBABILITY & DOCUMENTATION

For Inspection Number 317716566

Questions?

Contact  
Andrew Gawne  
(503) 947-7192

Oregon OSHA - ENFORCEMENT

06/09/17 11:22 AM

Establishment Ekstrom Nursery Inc

Optional Report K7419 - 030-17

AVD Item No	02 - 002	Violation Type #	Other than Serious	Final Penalty	0.00	Days to Correct	14	Sign C/W Pg #
Rule No	OAR 437-004-1041(3)(a): When respirators were necessary to protect the health of workers or when workers were required to wear them, the employer did not have an effective, written respiratory protection program, managed by a knowledgeable person, with procedures specific to the work site:							
Variable Language	a) At the time of inspection, it was determined that one employee handled Dursban 50W which requires respiratory protection. The employee had a Kasco powered air purifying respirator. The employer did not have a written respiratory protection program.							
Employer Knowledge Pg	10,12,13,15,43,53							
Violation Pg #	43,53							
Probability & Justification	Low: low-positive pressure system, loose fitting helmet, not worn frequently or for long durations.							
Severity	OTS:OTS-claustrophobia							

AVD Item No	02 - 003	Violation Type #	Other than Serious	Final Penalty	0.00	Days to Correct	14	Sign C/W Pg #
Rule No	OAR 437-004-1041(5)(a): The employer did not provide medical evaluations to determine workers' ability to use a respirator safely:							
Variable Language	a) At the time of inspection it was determined that one employee handled Dursban 50W. The product label requires respiratory protection. The employee wore a Kasco powered air purifying respirator. The employer did not ensure the employee completed a medical evaluation before use.							
Employer Knowledge Pg	10,12,13,15,43,53							
Violation Pg #	43,53							
Probability & Justification	Low: low-positive pressure powered air purifying respirator. Use was infrequent and for short durations.							
Severity	OTS:OTS-claustrophobia							

# OR-OSHA DIVISION

## INDEX OF VIOLATIONS: SEVERITY, PROBABILITY & DOCUMENTATION

For Inspection Number 317716566

Questions?

Contact  
Andrew Gawne  
(503) 947-7192

Oregon OSHA - ENFORCEMENT

06/09/17 11:22 AM

Establishment Ekstrom Nursery Inc

Optional Report K7419 - 030-17

AVD Item No	02 - 004	Violation Type #	Other than Serious	Final Penalty	<i>0</i> <i>OTS</i>	Days to Correct	14	Sign C/W Pg #
Rule No	40 CFR 170.122(a): The information was not displayed in the location specified for the pesticide safety poster in 40 CFR 170.135(d):							
Variable Language	a) At the time of inspection products such as Gallery SC, Dimension 2 EW, Dursban 50W and Pageant had been used within the previous 30 days. The employer did not have the pesticide spray application log available to employees at the central posting area.							
Employer Knowledge Pg	10,12,13,53							
Violation Pg #	13							
Probability & Justification	Low: low- Information available to employees in office.							
Severity	OTS:OTS-Admin							

AVD Item No	02 - 005	Violation Type #	Other than Serious	Final Penalty	<i>0</i> <i>OTS</i>	Days to Correct	<i>0</i> <i>OTS</i>	Sign C/W Pg #
Rule No	40 CFR 170.135(c)(1): The name, address, and telephone number of the nearest emergency medical care facility was not on the safety poster or displayed close to the safety poster:							
Variable Language	a) At the time of the inspection, the employer did not have emergency facility information available at the central posting location or on the EPA Pesticide Safety poster.							
Employer Knowledge Pg	10,12							
Violation Pg #	11							
Probability & Justification	Low: low-phone service at location. 911 could be called. The address of nearby clinic could be looked up on a cell phone.							
Severity	OTS:OTS-Admin							



**Oregon**  
Kate Brown, Governor

**Department of Consumer and Business Services**  
Oregon Occupational Safety & Health Division (OR-OSHA)  
350 Winter Street NE, Room 430  
PO Box 14480  
Salem, OR 97309-0405  
Phone: 503-378-3272  
Toll Free: 1-800-922-2689  
Fax: 503-947-7461  
[www.orosha.org](http://www.orosha.org)

Ekstrom Nursery Inc  
1600 SE 282nd Ave  
Gresham, OR 97080


**Inspection Number:** 317716566(91)  
**Optional Report Number:** K7419-030-17  
**Employer Number:** 8200354-000  
**Inspection Date(s):** 05/18/2017-06/01/2017

The Oregon Occupational Safety and Health Division (OR-OSHA) conducted an inspection of your workplace located at 1600 SE 282nd Ave, Gresham, OR 97080. The inspection was to determine if safety or health hazards were present which could cause injury or illness to your employees. Violations of safety and/or health rules were found during this inspection and the citation is enclosed.

In addition, the OR-OSHA representative noted certain conditions which are listed in the following page, which could cause injuries and/or illnesses. Although it is not mandatory to correct them at this time, if the work process, operation, exposure, etc., changes, these conditions could be cited as violations during future inspections. By initiating corrective measures, you could reduce the high cost of human suffering associated with work-related injuries and illnesses.

There may be other hazards present which were not apparent at the time of the inspection. If you need assistance in identifying and/or eliminating health or safety hazards consultative and training services are available to you at no cost through OR-OSHA by calling (503) 378-3272.

Your continuing effort to identify and eliminate work-related hazards is appreciated.

  
Penny Wolf-McCormick  
OR-OSHA Portland Field Office  
16760 SW Upper Boones Ferry Rd, Suite 200  
Tigard, OR 97224  
503-229-5910



## NOTICE

**Employer Name:** Ekstrom Nursery Inc  
**Employer ID No:** 8200354-000  
**Inspection Number:** 317716566(91)  
**Optional Rpt Num:** K7419-030-17

THE FOLLOWING IS A LIST OF CONDITIONS WHICH COULD CAUSE WORK-RELATED INJURIES OR ILLNESSES TO EMPLOYEES. ALTHOUGH NOT MANDATORY AT THIS TIME THE OREGON OCCUPATIONAL SAFETY AND HEALTH DIVISION ENCOURAGES YOU TO INITIATE CORRECTIVE MEASURES FOR THESE PROBLEM AREAS IN THE INTEREST OF REDUCING THE HIGH COST AND HUMAN SUFFERING ASSOCIATED WITH WORK-RELATED INJURIES AND ILLNESSES.

Item 02 -1

Rule: Worker Protection Standard/Personal Protective Equipment  
Material Handling and Storage

OR-OSHA recently conducted a pesticide emphasis program inspection at your work place. The following items were not violations at the time of inspection. Please consider the following issues and take steps to address them in the future if needed:

### Personal Protective Equipment

It was determined that employees may typically wear Tyvek suits when mixing or applying pesticides. Be sure to read the product label requirements for personal protective equipment. If it requires long pants and sleeves a Tyvek suit would provide enough protection to employees. However, if the label says to wear chemical resistant clothing you will need to provide something different. The EPA's chemical resistant category chart can provide information to choose the correct material. The manufacturer also might specify which material to use such as polyvinyl chloride (PVC).

Please be aware that if a product label requires a chemical resistant apron while mixing and loading, a Tyvek suit does not provide adequate protection. You will need to provide an appropriate apron. Furthermore, if a label requires chemical resistant footwear leather boots should not be permitted. Boots made from impermeable material such as rubber should be used.

Also, during the inspection it was determined that at least one employee used powered air purifying respirator Kasco helmets. Make sure that you follow manufacturer recommendations for maintenance such as changing filters and ensure there is adequate air flow. The manufacturer has an air flow indicator from the respirator's manufacturer to test the filters and battery. Also, you will need to make a filter check/changing schedule and train the employees who use the Kasco powered air purifying respirators.

## Storage

Continue to storing pesticides separately by type (herbicides, insecticides, fungicides, etc.). Also ensure floors and shelves are made or coated with impermeable materials so they will not absorb any chemicals in the event they leak. Keep the storage area clean by removing any spilled pesticides and keeping containers sealed and in good shape. Make sure all containers have labels. Additionally, any restricted use pesticides must be stored in locked containment. In general, it is a good practice to keep all pesticides in locked storage.

## Decontamination

Be sure to provide a complete decontamination kit that includes enough for routine washing and emergency eye washing (approximately 3 gallons), soap, paper towels, and an extra change of clothing or Tyvek suit. All employees need to have access to decontamination supplies while they are spraying. It can be no farther away than ¼ mile. It could be kept in the truck or in an air tight container on the tractors driven by employees. Additionally, a minimum of a pint worth of water or solution for eye wash should be immediately available to handlers during applications and early entry into treated areas.

For more information, please look at the full OR-OSHA rules for these items. If you have any questions regarding this or other health or safety issues, you can contact OR-OSHA's Consultative Services at (503) 229-6193. Their services are free and do not result in enforcement action.

## INSPECTION NARRATIVE

**Date of Inspection:** May 18, 2017

**Legal Name:** Ekstrom Nursery Inc.

**Optional Report No:** K7419-30-17

**Purpose:** Pesticide Emphasis

### Background Information:

Ekstrom Nursery Inc. primarily grew ornamental shrubs and trees. The operation took place on 200 acres of dispersed plots. They also had 8 greenhouses. There were 27 employees at the time of inspection.

### Inspection Activities/Observations:

A full opening conference was conducted on 5/18/17 by Oregon OSHA Health Compliance Officer (HCO) Sarah Graser with Jack Roher, General Manager and Don Ekstrom, Owner.

- Jack Roher stated that he was the primary manager and pesticide handler. He had a current pesticide applicator's license from the Oregon Department of Agriculture. He stated that most of the applications were done by himself, and sometimes with help from Don Ekstrom's son
- Scott. Mr. Roher and Mr. Ekstrom stated that sometimes other employees assisted, but only sprayed Round Up. They stated about 10 other employees had sprayed Round Up. They used backpack sprayers.
- Mr. Roher stated that pesticides had been sprayed in the past 30 days: Tristar, Round Up, Gallery and Dimension.
- Other equipment used to apply pesticides included a 150 gallon air blast unit and a 50 gallon mini air blaster. Mr. Roher was the employee who performed maintenance on the equipment.
- Mr. Ekstrom stated that they trained employees who handled pesticides. They watched a video and were provided with the OR-OSHA "Safe Practices" booklet. He stated they also trained employees regarding what personal protective equipment (PPE) they should wear.
- Employees were provided with safety glasses, green chemical resistant gloves and optional dust masks. Mr. Ekstrom stated that they also trained employees to keep the spray wands pointed down.
- Mr. Roher and Mr. Ekstrom stated that fumigants had been used on site, but it had been last June. They hired a contractor, Trident, for the application. They used signs to keep employees out of the treated areas. They also could schedule work away from treated areas. The same system was used when applications by Ekstrom employees were made to fields or greenhouses.
- The employer stated that they did not do early entry before restricted entry intervals expired.
- The posting area was next to the main office. It contained the EPA Worker Protection Standard required poster. The spray log was not posted. Jack Roher had the pesticide spray log in a binder in the office. It could have been accessed by employees.
- Employee personal protective equipment was in the office. It could be accessed during normal business hours. The office was not locked. Mr. Rohr also kept pesticide application personal protective equipment in the barn. He had Kasco helmet equipment. There was also a



decontamination kit which included 2 gallon of water, soap, paper towels and an extra Tyvek suit.

- The storage area was a locked room. It had lights and a fan. A strong odor was present when Mr. Roher opened the door, but it was eliminated after turning on the fan for a couple of minutes. Shelves were painted in sealant paint, according to Mr. Roher. The floors were sealed concrete. Pesticides were stored separately by type on labeled shelves. No spills were observed. Several granule type product bags were observed that were not closed tightly. HCO stated that rolling the end and pinching it shut may help reduce the odors in the storage room.
- Mixing was done on a mobile basis. Mr. Roher stated that he had a truck with a platform with a 300 gallon tank of clean water. This was used to mix into either tanks or back packs. The tank water could also be used for decontamination. Extra suits were also kept on the truck.
- The company held safety meetings. All available employees attended. Written minutes were kept in the break room. One month was missed in March.
- Site visit 5/24/17
  - HCO met with Rebecca Ekstrom, the Office Manager. Mrs. Ekstrom had updated the company's hazard communication program.
  - Jack Roher and HCO discussed pesticides used by Mr. Rohr, PPE and decontamination.
    - Dimension-required a chemical resistant apron for mixing. Dursban also required a chemical resistant apron, eye protection and respiratory protection. Mr. Roher stated he did not use those items when mixing.
  - Don Ekstrom-use of Dusban-product has Danger signal word. Corrosive and requires and eye wash and respiratory protection. Mr. Roher had not completed a medical evaluation. They did not have an emergency eye wash on the mix truck/at the mix sites. Mr. Ekstrom stated they will look into not using the product anymore.

## **Document Review**

- 300 logs-The employer had 2014, 2015 and 2016 300/300A logs. There were 2 injuries-a back strain and ankle sprain. Company ownership changed in 2016. The person previously completing the logs noted the current year versus the year being reported.
- Hazard communication-the employer had an out of date written hazard communication plan at the time of inspection. However, they employer did have pesticide labels and safety data sheets very neatly organized in binders in the office.
- Respiratory protection program-one employee used a Kasco powered air purifying respirator. No medical evaluation had been completed and the company did not have a written program
- Pesticide spray log-the spray log was in a binder in the office.
- Safety meeting minutes-were posted in the employee break area and archived in the office.
- Fumigation management plan-a contractor was hired for fumigation on the property. Fumigants require a specialized written plan. The contractor supplied a plan which included site specific details such as the owner, product used, employees doing the fumigation, PPE used and application time/location.

## **Employee Interviews**

Interviews took place on 5/18/17 and 5/24/17. Three pesticide handler employees were interviews. One employee was interviewed as a field worker.

- One handler dealt with the majority of pesticide mixing and application. Two others mostly sprayed Round Up type herbicide products. All had seen the pesticide handler training video

and OR-OSHA “Safe Practices” booklet. The main handler and spray manager had also attended classes. They were all familiar with typical routes of exposure such as inhalation, skin absorption and contact with the eyes. All 3 employees also knew basic symptoms of pesticide poisoning such as dizziness, nausea, vomiting, skin irritation and rashes. All correctly identified “Danger” as the signal word for the most toxic products.

- Employees stated they wore PPE based on the label requirements such as Tyvek suits. Mr. Roher did not use an apron when mixing. All employees stated they used long green gloves for spraying. Employees primarily used safety glasses for eye protection. Mr. Roher used his Kasco helmet for mixing Dursban, which requires protective eye wear.
- Signs were used to warn employees about treated areas. They also kept employees out by assigning work in other areas. The handlers stated there was always clean water nearby when they sprayed. All employees knew basic first aid measures for pesticide exposure. None reported having any signs or symptoms of pesticide poisoning.
- The field worker employee stated that he was trained about pesticide safety through a video. He had also seen the OR-OSHA “Safe Practices” booklet. He stated they were not expected or asked to enter fields before restricted entry intervals expired, and that signs were put up in fields to let them know not to enter.
  - The employee understood concepts such as pesticides could be on plants and in irrigation water. He knew to wash his hands before eating, smoking and going to the bathroom. They were required to wear pants for work for protection.
  - The employee understood the routes of exposure: breathing, skin exposure and eating or ingesting. He also knew some basic symptoms of exposure such as dizziness and vomiting. The employee knew basic first aid for exposure scenarios. He had not had any issues. Employees also had access to soap, water and paper towels.

### **Summary/Conclusions:**

A full closing conference took place on 6/1/17 with HCO, Don Ekstrom and Jack Roher.

- HCO discussed issues in the hazard letter such as label requirements for chemical resistant clothing, decontamination requirements and pesticide storage.
- HCO provided the employer a binder with information regarding the Worker Protection Standard, pesticide safety training templates, pesticide PPE training, decontamination, safe lifting and tractor safety.
- A grouped low/serious citation was issued because the employer did not have an eye wash where a corrosive pesticide, Dursban, was mixed. Also, the employee did not use a chemical resistant apron when mixing Dursban and Dimension. Both product labels required an apron.
  - Mr. Ekstrom had product labels in binders in the office. The pesticides storage area for his business was on his property. Mr. Ekstrom knew that Dursban was used by his employee. He knew the spray log in the office which was a record of pesticides applied to his property. He also was aware of training and postings required for the worker protection standard.
- A low/other than serious citation was issued because the employer did not have a written respiratory protection program. The label for Dursban required respiratory protection. Mr. Roher used a Kasco positive air purifying respirator.
  - Mr. Ekstrom had product labels in binders in the office. The pesticides storage area for his business was on his property. Mr. Ekstrom knew that Dursban was used by his

employee. He knew the spray log in the office which was a record of pesticides applied to his property.

- A low/other than serious citation was issued because the employee who used a Kasco did not have a medical evaluation.
  - Mr. Ekstrom had product labels in binders in the office. The pesticides storage area for his business was on his property. Mr. Ekstrom knew that Dursban was used by his employee. He knew the spray log in the office which was a record of pesticides applied to his property.
- A low/other than serious citation was issued because the pesticide application spray log was not posted in the central posting area for employees to see. It was kept in a binder in the main office.
  - He knew the spray log in the office which was a record of pesticides applied to his property. He also was aware of training and postings required for the worker protection standard.
- A low/other than serious citation was issued because the employer did not fill out the emergency contact information on the EPA Pesticide Safety poster.
  - Mr. Ekstrom knew the posters were put up at the central information posting area for employees.





# OREGON OSHA OPENING/CLOSING CONFERENCE



EMPLOYER NAME Ekstrom Nursery Opt Rpt No. V7249-03012

OPENING CONFERENCE Full ☒ \*Abbreviated ☐ Date full opening conducted 5/18/17

- ☒ 1. \*Introduction/credentials
- ☒ 2. \*Employer rep Jack Reher Employee rep \_\_\_\_\_
- ☒ 3. \*Explain purpose, nature, and scope of inspection (include expansion of serious)
- ☐ 4. Loc under Oregon OSHA consultation (7 days prior to 60/30 days after)? Yes ☐ No ☐
- ☐ 5. Loc NAICS code? \_\_\_\_\_ Scheduled NAICS code \_\_\_\_\_
- ☐ 6. Loc MOD rate  $\leq 0.50$  or less (must have written proof): Yes/rate \_\_\_\_\_ OHSAS? \_\_\_\_\_
- ☒ 7. Sampling \_\_\_\_\_ Photos \_\_\_\_\_ Video \_\_\_\_\_ Audio \_\_\_\_\_
- ☒ 8. Trade secrets? \_\_\_\_\_
- ☒ 9. Employee interviews (in private) discrimination prohibited \_\_\_\_\_
- ☒ 10. Violations OTS/S/D Reductions (size, history, good faith, immediate) \_\_\_\_\_
- ☒ 11. Closing conference at end of inspection \_\_\_\_\_
- ☒ 12. Records review (min. OSHA 300/300A, 801s) \_\_\_\_\_
- ☒ 13. PPE required by employer for inspection \_\_\_\_\_

\* Indicates minimum requirement for an abbreviated opening

CLOSING CONFERENCE On site ☒ Via phone ☐ Letter ☐ Closing date 6/1/17

Employer rep. Don Ekstrom, Jack Reher Employee rep. \_\_\_\_\_

- ☒ 1. Employer right to present pertinent information re: violations (included in the report) \_\_\_\_\_
- ☒ 2. Describe alleged violations (identify probability and severity) \_\_\_\_\_
- ☒ 3. Penalties assessed \_\_\_\_\_ Repeat violations (2X, 5X, 10X, 15X, 20X) \_\_\_\_\_
- ☒ 4. Abatement time for each violation (immediate; 7, 14, 21, or 28 days) \_\_\_\_\_
- ☒ 5. Hazard letters yes - WPS, PPE, Decon etc.
- ☒ 6. Citations issued from Salem via certified mail. Abatement time starts upon receipt \_\_\_\_\_
- ☒ 7. Letter of Corrective Action. Due date. Follow-up inspection \_\_\_\_\_
- ☒ 8. Failure to abate violations may result in daily penalties \_\_\_\_\_
- ☒ 9. Employer must post citation (3 days or until abated) where employees can view it \_\_\_\_\_
- ☒ 10. Employer can appeal violation/penalty/abatement time. Employees can appeal abatement time \_\_\_\_\_
- ☒ 11. Citation becomes final order if not appealed within 30 days of receipt \_\_\_\_\_
- ☒ 12. Appeal in writing (appealed items stayed if OTS; serious must be abated) \_\_\_\_\_
- ☒ 13. Informal conference at field office or by phone. Formal hearing \_\_\_\_\_
- ☒ 14. Abatement assistance is available through CO \_\_\_\_\_
- ☒ 15. Abatement extension available \_\_\_\_\_
- ☒ 16. Referrals? \_\_\_\_\_ To whom? \_\_\_\_\_
- ☒ 17. Variance \_\_\_\_\_
- ☒ 18. Employees protected from discrimination (BOLI)
- ☒ 19. Oregon OSHA consultation available and their workers' comp. carrier required to provide \_\_\_\_\_
- ☒ 20. Work-related in-patient hospitalization, loss of an eye, and amputation or avulsion that results in bone or cartilage loss requires notification within 24 hours \_\_\_\_\_
- ☒ 21. Work-related fatality or catastrophe requires notification within 8 hours \_\_\_\_\_

5/24/17

Ekstrom

I. Written Resp. Program? - NO

II. Medical evaluation - Jack?  
- no. don't remember - doing

III. Fumigation Mgmt. Plan  
when fumigated last? YES  
where/location  
what used?  
Trident/Applicator info

IV. Employee Interviews  
Spanner (2)

3) Field Workers (2)

Page 6  
K7419-030-17

- have really old hay com -> updated

★ Fill in Spanish Hay com  
★ 300 lbs - was labeled as current  
year Spoiled - 2017  
Rebecca will start doing year reports on

Don  
Jack

Will evaluate if can get rid of resp. prot.

- may need resp. prot for  
Insecticides

- Deen a year

Sevin, Orthene

- Strobins - Smita, TalStar, Wisdon



OR-OSHA SMALL AGRICULTURAL EMPLOYER EXEMPTION  
WORKSHEET/FIELD NOTES

Firm Ekstrom Nursery

OPT RPT # K7419-030-17

Date 5/18/17

SMALL AGRICULTURAL EMPLOYER? Yes \_\_\_\_\_ No ☒ Number of Employees 27 P# at least 15-18 ppl ya said # time

(For purposes of determining the number of employees, members of the agricultural employer's immediate family are excluded. This includes grandparents, parents, children, step-children, foster children and any blood relative living as a dependent of the core family.)

Exemption does not apply to Complaints, Accidents, ALH, or Field Sanitation Inspections.

DETERMINATION OF EXEMPTION FROM SCHEDULED INSPECTION

1. Fatality, in-patient hospitalization or injury resulting in 3 or more days of lost work within the last 2 years preceding the date of the inspection?

Yes \_\_\_\_\_ No \_\_\_\_\_ Date of Accident \_\_\_\_\_

Did OR-OSHA do an Accident Investigation? Yes \_\_\_\_\_ No \_\_\_\_\_

2. Have the employer and principal supervisors completed 4 hours of annual instruction on agriculture safety and health?

Yes \_\_\_\_\_ No \_\_\_\_\_

Date of Instruction \_\_\_\_\_ Duration of Instruction \_\_\_\_\_

Name of Provider \_\_\_\_\_

Subject of Instruction \_\_\_\_\_

Signature of the Provider Yes \_\_\_\_\_ No \_\_\_\_\_

Certified Applicator Training Core A & B by Oregon Dept of Ag = 1 hour per year.  
Attendance during comprehensive consultation is acceptable as instruction.

3. Has the employer had a comprehensive consultation in the past 4 years?

Yes \_\_\_\_\_ No \_\_\_\_\_ Who provided consultation? \_\_\_\_\_

Verify through questioning if all problems identified during the consultation were corrected.  
You cannot ask to see the consultation report.

Corrected: Yes \_\_\_\_\_ No \_\_\_\_\_ If No, why do you believe they were not corrected?  
\_\_\_\_\_  
\_\_\_\_\_



# Oregon Occupational Safety and Health Division

## Compliance Officer Information Request Form

We need the records below to be available for review during the inspection. If sent in the mail or copied, the records will become part of the file.

If you have questions, call the compliance officer at: (503) 229-5910

Date: 5/18/17 Report number: K7419-030-17 Employer: Ekstrom Nursery

### Injury and Illness Records

☒ OSHA 300 Log/300A form: Past 3 years

- ☐ 801s
- ☐ Hours worked
- ☐ Exempt by NAICS/size

### Safety Committee/Meetings

☒ Minutes. OK

### Personal Protective Equipment

☐ Hazard assessment

### First Aid

- ☐ Emergency medical plan
- ☐ Fire evacuation plan
- ☐ HazWOPER
- ☐ Emergency response plan
- ☐ Training records

### Hazard Communication

- ☒ Written program
- ☒ List of chemicals OK
- ☒ Safety data sheets

### Cranes and Hoists

- ☐ Inspection records
- ☐ Operator procedures
- ☐ Lifting attachments
- ☐ Crane operator certification
- ☐ Rigging qualification
- ☐ Signalperson qualification

### Powered Industrial Trucks

- ☐ Inspection records
- ☐ Maintenance records
- ☐ Operator training

### Powered Platform (Ext. Building Maint.)

- ☐ Written procedures for operation
- ☐ Plan for emergencies

### Self-Insured/Group Insured

- ☐ Health and safety loss-prevention program

### Health

- ☐ Air contaminants
- ☐ Sampling records
- ☐ Medical surveillance
- ☐ Asbestos
- ☐ Lead
- ☐ Lab/chemical hygiene plan
- ☐ Tuberculosis protocol/screening

### Noise

- ☐ Hearing conservation program
- ☐ Audiometric testing
- ☐ Noise monitoring
- ☐ Feasibility study
- ☐ Training records

### Respiratory Protection

- ☐ Written program
- ☐ Fit-testing records
- ☐ Medical evaluation record
- ☐ Training records

### Bloodborne Pathogens

- ☐ Exposure control plan
- ☐ Hep B vaccine/declination statements
- ☐ Sharps injury log

### Confined Space

- ☐ Written plan
- ☐ Entry records
- ☐ Instrument records and statements
- ☐ Training records

### Lock Out/Tag Out [LOTO]

- ☐ Energy/control procedures
- ☐ Specific equipment
- ☐ Audits/annual review
- ☐ Training records

### Construction

- ☐ Flagger/traffic control training
- ☐ Aerial lifts training
- ☐ Fall protection training
- ☐ Scaffold training
- ☐ Excavations

5/18/17 Ekstrom

200 acres  
ornamental shrubs/trees  
contains - bulk/purlop

mostly open fields

- 8 green houses - 3 currently  
used

- 1 mixer - Christopher

- yes - 30 days

Jack - Tristar

(group) Roundup - 1 day

Jack, Scott, Chris pre-emerg - Gallery, Dimension

10 ppl - w/ Jack

Jack & Chris - most  
pesticides

2.V - back pack

pre-emerg - 50 gal spray

50 gal mini blast - insecticides

have used

150 gal air blast - 6 wks

trng

wear gloves, glasses,  
keep hands & masks if want  
don't spray plants

vibe - watch on internet - whole  
crew - year

fungicides - yes - contracted  
Trident  
June 2016

methy. bromide  
chlorpyrifin



5/18/17

EK Stram

Scott  
EK Stram

Chris + Scott - respiratory prot. class  
which - for specific use  
- A filters

Tack - mechanic for equip  
- has license

first aid - Tack, Managers - Juan + Carlos  
Certified

Fumigation - used 3rd party - June  
Trident

- signs
- stay out field
- Managers can work away  
from area

yes posting area

greenhouses - signs

REI - no entry  
- we do other things

5/18/17

EKstrom

✓ Lost area -

- yes WPS poster
- no spray log - but in adjacent office

✓ PPE -

in office

- safety glasses
- green gloves thick - no flocking
- nitrile gloves

Karo - Jack - don't use much

- 1 yr - June/July
- switch out filters

Decon - yes - kit

5/18/17

EKstrom

Safety meeting yet  
monthly

- notes in break room

Storage - locked, sign, light, fan  
- wood shelves, but painted w/ sealer  
- sealed floor  
- labeled category shelves  
- 2 unlabeled containers?  
inside packaging

Mix

- on truck / mobile / metal box  
- bring water  
- have Secor - soap, H<sub>2</sub>O, paper towel  
1-2 gal water, extra suit  
- has 30 gal - clean water

- no eyewash

5/18/17

EKstrom

RTN  
WED  
gam

- ☐ you tube handler video
- ☐ field worker video DVD
- ☐ changes to UPS

## Heat Safety

- make lots of a/c avail
- Drink break every 2 hrs
- watch for symptoms
- Start early / end early if in 90°s

## Hay Cart

- books w/ labels & SDS
- in office / always open during work



5/24/17

Ekstrom

1) Gallery SC - Caution

PPE: long sleeves, pants, shoes/socks,  
chem resist gloves

REI - 12 hrs

2) Dimension 2 EW - Warning

PPE: Category B, coveralls, chem resist  
gloves (14 mils), chem resist foot wear,  
chem resist apron

REI: 12 hrs coverall - use Tyvek - white  
- how applied / equip used? tractor - 50 gal Mitchell  
ground spray - 2 nozzles

3) Durban 50W - Danger

PPE: Chem resist (barrier laminate, polyethylene, butyl  
rubber, neoprene, PVC, natural) > 14 mils

- Category A, long sleeves, pants, shoes,  
chem resist apron, protective eyewear

\* Night dust/mist TC-21C (N, R, P, HE filter)

REI: depends on crop

\* Double notification rubber shoes - green

Resp. Prot. worn? yes - Kasco

Prot. eyewear (shw)? Kasco M apron? Tyvek

4) Taggant - Caution safety glasses no apron. I need  
to get

PPE: long sleeves/pants, chem resist gloves and  
(nitrile, butyl, PVC, etc) apron

\* TC 21C

REI - 12 hrs

5) Ranger Pro - Caution

PPE - long sleeves, pants, shoes, socks

REI - 4 hrs

6) Gallery 75 DF - Caution

PPE - long sleeves, pants, shoes/socks

REI - 12 hrs

Jack

What gloves do you wear when mixing, loading,  
and spraying? green glove  
Nitrile

were there any products you used different  
gloves for? I think they cover me

Do you have coveralls? (show)

Do you have an apron for mixing/loading?  
yes - But didn't use

where did you mix Durban?  
tanks

eyewash? no station / just clean H<sub>2</sub>O

- Found an open symptoms
- Ordering Butyl rubber
-

5/18/17

PREGUNTAS PARA APLICADORES DE PESTICIDAS

Nombre Jack Rohrer

Dirección y ciudad

Numero de telefono (503) 804-4763 - cell

- WORK HISTORY: Hace cuantos años o meses que usted trabaja para el dueño? (How many years (or months) have you worked for this owner?)

35 yrs

- WORK HISTORY: Hace cuantos años o meses que usted espraya o rocía pesticides (herbicidas tambien) aqui? (How many years or months have you sprayed pesticides (herbicides too) here?)

33 yrs

- TRAINING: Tienes una licencia para pesticidas? (Do you have a license for pesticides?)

yes -

- TRAINING: He visto un video de pesticidas? (Have you seen a pesticide video?)

yes handler video

Cuando? (When?) within this year

- TRAINING: Usted asistió una clase de pesticide? (Did you attend a pesticide class?)

yes - yearly

Cuando?

far west  
Wilbur Ellis - Day Institute

• TRAINING: He visto este folleto? (Have you seen this booklet?—show "Safe Practices")

*Yes - available soon*

• SPRAY HISTORY: Cuales son los pesticidas que usted he rociado y cuando? (Which are some of the pesticides that you have sprayed and when?)

*Dimension  
Sally  
Round up*

• TRAINING: El patron le dice los peligros de pesticidas? (Does the boss tell you the dangers of pesticides?)

*yes*

• TRAINING: Como pueden pesticidas entrar al cuerpo? (How can pesticides enter the body? Answers: La piel (skin), Los ojos (eyes), La nariz (the nose), y La boca (the mouth).

*eyes, nose mouth  
skin*

• TRAINING: Cuales son los sintomas de envenenamiento al pesticidas en el cuerpo? (What are the symptoms of pesticides in the body?)

- Ampollas (blisters)
- Calambres y debilidad muscular (weakness, muscle cramps)
- Debilidad (weakness)
- Dolor de cabeza (headache)
- Dolor de estomago (stomach cramps)
- Irritacion de la piel y ojos (skin/eye irritation)
- Irritacion de ojos, nariz y garganta (eye/nose/throat irritation)
- Nausea (nausea)
- Quemazon y irritacion en los ojos, nariz y garganta (burning/irritation in the eyes, nose, throat)- Sintomas de nausea como la gripe (Flu-like symptoms)
- Sudor (sweating)
- Tos (coughing)
- Vision nublada (blurred vision)
- Vomitos (vomiting)

*shortness of breath*

*Skin irritation*

*light headed*

*Stomach upset*



- TRAINING Que es mas peligroso? Un pesticida con una etiqueta que dice: Warning, o Caution, o Danger?



- TRAINING: El patron le dice el equipo de proteccion person que usted necesita ponerse? (Does the boss tell you the PPE that you need to put on?)

*read label - see what it says generally - eye pro,*

- PPE: Digame, por favor, el equipo de proteccion person que se pone: (Tell me, please the PPE that is worn)

*long sleeve, pants coveralls*

yes Traje (blanco o ?) (White or ?)

*Tyvek*  
Cuantas veces usted lo lleva? (How many times do you wear it?)

*→ 2-3 days - if splash - get new one - they tear. If tears change*

Lo limpia usted? Como? (Do you clean it? How?)

*no*

no Delantal plastico que es resistentes a los productos químicos y es para metzclar

\_\_\_ Guantes? De que color? (Gloves? What color?)

*mix - green & spray*

Como los limpia usted? (How do you clean them?)

*wash - water bottom application*  
*\**

\_\_\_ Botas? Son plasticas? (Boots? Are they rubber?)

*leather work boots*

Como los limpia usted? (How do you clean them?)

*no*

*yes* Lentes? (Eye protection - see what type)

*safety glasses*

*- if spraying  
tractor  
uses*

*Kasco*

\_\_\_ Se pone una mascarilla blanca? Cuantas veces? (Do you wear a white mask? How many times?)

*- also while  
mixing*

\_\_\_ Se pone un respirador con cartuchos? (Do you put on a respirator with cartridges?)

*Kasco ZP3?*

Cuando cambia usted los cartuchos? (When do you change the cartridges?)

*only use couple times a year  
10 applications - then change*

*- never  
noticed  
smells  
or  
anything*

• WARNINGS: Como saben los trabajadores que hay pesticidas en el campo (o los invernaderos)? Lettreros (Signs?)? El patron les avisa? O ambos? (The boss tells them or both?)

*Signs field entry  
or greenhouse*

*- work away from area - all meet at office.*

• FIRST AID: Que harias si un pesticida salpicado los ojos? (What would you do if a pesticide splashed the eyes - wash eyes 15 minutes)

*- Rinse w/ water*

Usted siempre tiene algo de agua limpia con usted?

*yes have water  
either pint bottles  
or fresh tank on  
truck bed*

- FIRST AID: Que harías si un pesticida salpicado la piel? What would you do if a pesticide splashed the skin (wash with soap and water)

*rinse w/ water -  
change clothes, shower*

- FIRST AID: Y si en la boca? (And in the mouth? Look for label, go see patron)

*Depends on chemical what to do  
- look at label / follow directions*

- ILLNESS: Algunas problems con pesticidas para usted? Por ejemplo dolor de cabeza o ranchas? (Any problems with pesticides for you? For example headaches or rashes?)

*never had issues  
in 33 yrs*

- DANGER PESTICIDES: Cuando estas esprayando un pesticida con calavera y dos huesos cruzados, se comunica tu patron? (o supervisor?) (When you are using a pesticide with skull and cross bones, does your boss communicate with you? )

*don't think so*

Cuantos veces durante la aplicacion? \_\_\_\_\_ (Cada dos horas?)

*- if did ppl keep eye on me*

*- Don*

- DECONTAMINATION: Cuando usted mezcla o rocia pesticidas, hay agua, jabon, toallas, y otra traje cerca de usted?

*yes - have kit  
have truck - w/ water, A suit - no soap sometimes*

- HEAT STRESS: Cuando hace mucho calor, puede beber mucha agua cuando trabaja? (When it is very warm, can you drink a lot of water when you work?)

• Cuales son los sintomas de agotamiento de calor? (What are the symptoms of heat stress?) Look for Nausea (nausea), Pulso rapido (fast pulse)--corazon rapido, Dolor de cabeza (headache), Debilidad (faintness), Pupilas muy grandes (Dilated pupils), Confusion (confusion)

*clammy skin, dizzy, mint, light headed,*

AHORA, DEMUESTRE SU EQUIPO DE PROTECCION PERSONAL, POR FAVOR *slung speed*

(Storage? Clean? Has all pieces?)

*/ NO ISSUES*



5/24/17

PREGUNTAS PARA APLICADORES DE PESTICIDAS

Nombre Chris Miersma

Dirección y ciudad

Numero de telefono (503) 345-6186

- WORK HISTORY: Hace cuantos años o meses que usted trabaja para el dueño? (How many years (or months) have you worked for this owner?)

- 1 yr

- WORK HISTORY: Hace cuantos años o meses que usted espraya o rocía pesticidas (herbicidas tambien) aqui? (How many years or months have you sprayed pesticides (herbicides too) here?)

- 6 mos

- TRAINING: Tienes una licencia para pesticidas? (Do you have a license for pesticides?)

no -

- TRAINING: He visto un video de pesticidas? (Have you seen a pesticide video?)

- few times - here

Cuando? (When?)

- old VHS

- TRAINING: Usted asistió una clase de pesticide? (Did you attend a pesticide class?)

yes - few months ago

Cuando?

pesticide - hang  
re-labels, some kinds  
types

• TRAINING: He visto este folleto? (Have you seen this booklet?—show "Safe Practices")

yes - last year

• SPRAY HISTORY: Cuales son los pesticidas que usted he rociado y cuando? (Which are some of the pesticides that you have sprayed and when?)

Round up - mostly

• TRAINING: El patron le dice los peligros de pesticidas? (Does the boss tell you the dangers of pesticides?)

yes

• TRAINING: Como pueden pesticidas entrar al cuerpo? (How can pesticides enter the body? Answers: La piel (skin), Los ojos (eyes), La nariz (the nose), y La boca (the mouth).

skin, open wounds  
inhale  
eyes

• TRAINING: Cuales son los sintomas de envenenamiento al pesticidas en el cuerpo? (What are the symptoms of pesticides in the body?)

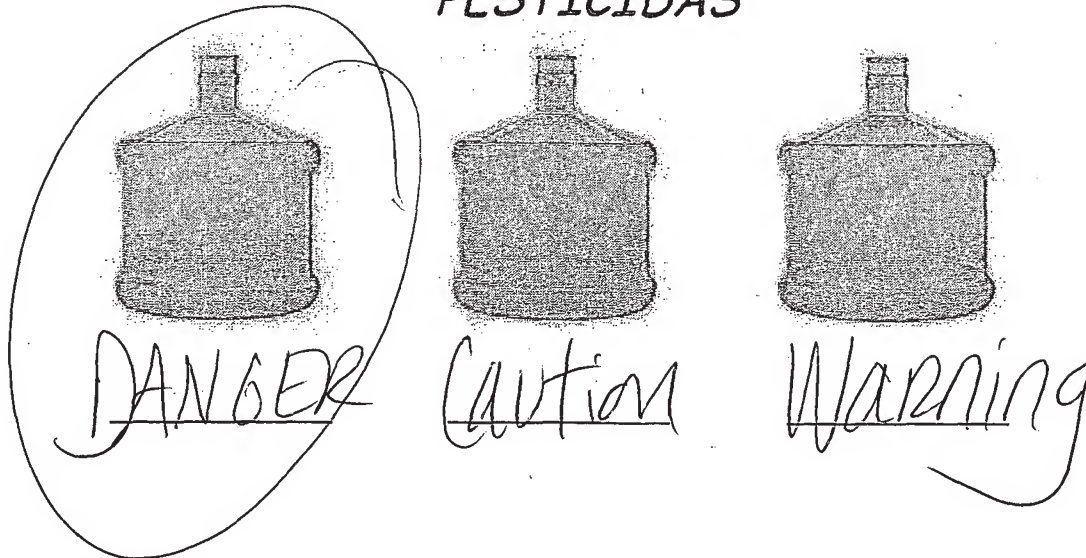
- Ampollas (blisters)
- Calambres y debilidad muscular (weakness, muscle cramps)
- Debilidad (weakness)
- Dolor de cabeza (headache)
- Dolor de estomago (stomach cramps)
- Irritacion de la piel y ojos (skin/eye irritation)
- Irritacion de ojos, nariz y garganta (eye/nose/throat irritation)
- Nausea (nausea)
- Quemazon y irritacion en los ojos, nariz y garganta (burning/irritation in the eyes, nose, throat)- Sintomas de nausea como la gripe (Flu-like symptoms)
- Sudor (sweating)
- Tos (coughing)
- Vision nublada (blurred vision)
- Vomitos (vomiting)

difficulty breathing  
throat

irritated/itchy eyes  
nausea  
can blind you

- TRAINING Que es mas peligroso? Un pesticida con una etiqueta que dice: Warning, o Caution, o Danger?

## PESTICIDAS



- TRAINING: El patron le dice el equipo de proteccion person que usted necesita ponerse? (Does the boss tell you the PPE that you need to put on?)

Jack, Don \$ we have access to the label

- PPE: Digame, por favor, el equipo de proteccion person que se pone: (Tell me, please the PPE that is worn)

— Traje (blanco o?) (White or ?) - not w/ found up  
we have them  
Saves, glasses  
Cuantas veces usted lo lleva? (How many times do you wear it?)

Lo limpia usted? Como? (Do you clean it? How?)

— Delantal plastico que es resistentes a los productos químicos y es para metzclar

NO. Rand Up

yes Guantes? De que color? (Gloves? What color?)  
*heavy rubber - green*  
Como los limpia usted? (How do you clean them?)

no Botas? Son plasticas? (Boots? Are they rubber?)  
*no boots*  
Como los limpia usted? (How do you clean them?)

yes Lentas? (Eye protection—see what type)  
*safety glasses or face shields*

yes Se pone una mascarilla blanca? Cuantas veces? (Do you wear a white mask? How many times?)  
*yes - offered*

no Se pone un respirador con cartuchos? (Do you put on a respirator with cartridges?)

Cuando cambia usted los cartuchos? (When do you change the cartridges?)

• WARNINGS: Como saben los trabajadores que hay pesticidas en el campo (o los invernaderos)? Letreros (Signs)? El patron les avisa? O ambos? (The boss tells them or both?)  
*signs - don't enter at edges of fields*

• FIRST AID: Que harias si un pesticida salpicado los ojos? (What would you do if a pesticide splashed the eyes—wash eyes 15 minutes)

*get hose, wash*

Usted siempre tiene algo de agua limpia con usted?

*yes - up on the truck*  
*- we fill backpacks - 500 gal tank*  
*clean H<sub>2</sub>O - use 1000 gal tank*  
*for eyes, hands -*  
*paper towel - yes*  
*soap - no*



- FIRST AID: Que harías si un pesticida salpicado la piel? What would you do if a pesticide splashed the skin—wash with soap and water)

wash - water

- FIRST AID: Y si en la boca? (And in the mouth? Look for label, go see patron)

- let Jack & Don know

- drink H<sub>2</sub>O, pay ATTN to symptoms

- ILLNESS: Algunas problems con pesticidas para usted? Por ejemplo dolor de cabeza o ranchas? (Any problems with pesticides for you? For example headaches or rashes?)

NO

- DANGER PESTICIDES: Cuando estas esprayando un pesticida con calavera y dos huesos ruzados, se comunica tu patron? (o supervisor?) (When you are using a pesticide with skull and cross bones, does your boss communicate with you? )

no just found up

Cuantos veces durante la aplicacion? \_\_\_\_\_ (Cada dos horas?)

- DECONTAMINATION: Cuando usted metzcla o rocia pesticidas, hay agua, jabon, toallas, y otra traje cerca de usted?

water, paper towels. At the truck not sure if extra

- ! HEAT STRESS: Cuando hace mucho calor, puede beber mucha agua cuando trabaja? (When it is very warm, can you drink a lot of water when you work?)

I did First/AR time truck

- Cuales son los sintomas de agotamiento de calor? (What are the symptoms of heat stress?) Look for Nausea (nausea), Pulso rapido (fast pulse)--corazon rapido, Dolor de cabeza (headache), Debilidad (faintness), Pupilas muy grandes (Dilated pupils), Confusion (confusion)

*dizzy, fatigue, cold sweats  
fever-like symptoms, lack of energy*

AHORA, DEMUESTRE SU EQUIPO DE PROTECCION PERSONAL, POR FAVOR

(Storage? Clean? Has all pieces?)

*yes - w/ take 10 min breaks every 2 hrs*

*- switch jobs  
- have water  
- can take extra breaks*

5/24/17

PREGUNTAS PARA APLICADORES DE PESTICIDAS

Nombre

Dirección y ciudad

Numero de telefono

- WORK HISTORY: Hace cuantos años o meses que usted trabaja para el dueño? (How many years (or months) have you worked for this owner?)

7 yrs

- WORK HISTORY: Hace cuantos años o meses que usted espraya o rocía pesticidas (herbicidas también) aquí? (How many years or months have you sprayed pesticides (herbicides too) here?)

4 yrs - some mixing too. ches is a mixer

- TRAINING: Tienes una licencia para pesticidas? (Do you have a license for pesticides?)

no

- TRAINING: He visto un video de pesticidas? (Have you seen a pesticide video?)

yes -

Cuando? (When?)

1 month

- TRAINING: Usted asistió una clase de pesticide? (Did you attend a pesticide class?)

yes -

Cuando?

Don & Jack do training

• TRAINING: He visto este folleto? (Have you seen this booklet?—show "Safe Practices")

yes - last safety meeting

• SPRAY HISTORY: Cuales son los pesticidas que usted he rociado y cuando? (Which are some of the pesticides that you have sprayed and when?)

Round up - may

• TRAINING: El patron le dice los peligros de pesticidas? (Does the boss tell you the dangers of pesticides?)

yes

they use signs that say don't enter

• TRAINING: Como pueden pesticidas entrar al cuerpo? (How can pesticides enter the body? Answers: La piel (skin), Los ojos (eyes), La nariz (the nose), y La boca (the mouth).

be careful  
w/ sprayer  
don't touch

piel (skin) - cover skin  
breathing  
glasses - eyes

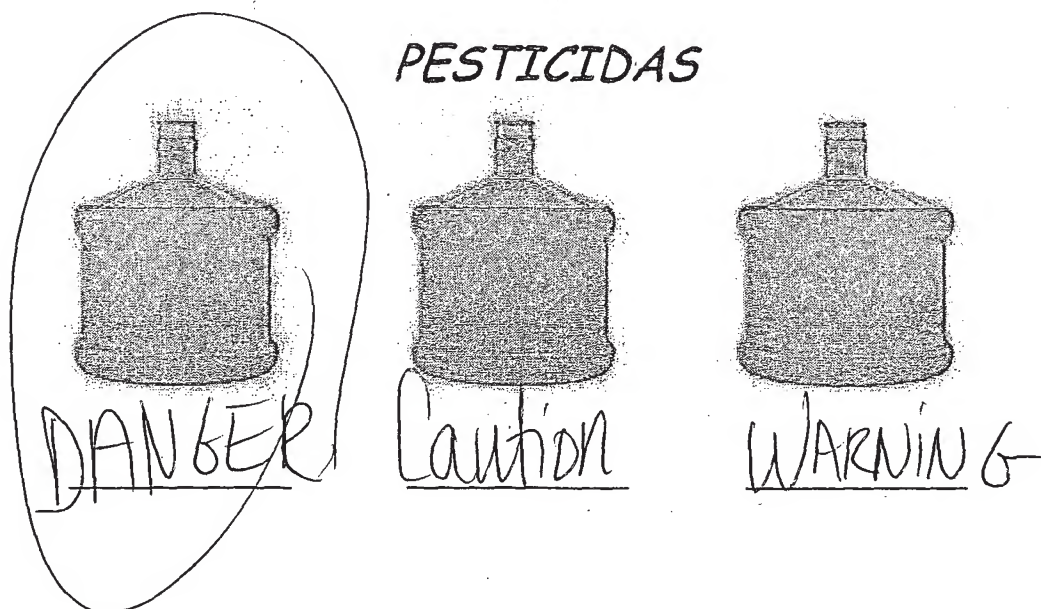
• TRAINING: Cuales son los sintomas de envenenamiento al pesticidas en el cuerpo? (What are the symptoms of pesticides in the body?)

- Ampollas (blisters)
- Calambres y debilidad muscular (weakness, muscle cramps)
- Debilidad (weakness)
- Dolor de cabeza (headache)
- Dolor de estomago (stomach cramps)
- Irritacion de la piel y ojos (skin/eye irritation)
- Irritacion de ojos, nariz y garganta (eye/nose/throat irritation)
- Nausea (nausea)
- Quemazon y irritacion en los ojos, nariz y garganta (burning/irritation in the eyes, nose, throat)- Sintomas de nausea como la gripe (Flu-like symptoms)
- Sudor (sweating)
- Tos (coughing)
- Vision nublada (blurred vision)
- Vomitos (vomiting)

dizzy  
nausea  
vomif  
come on  
irritation



- TRAINING Que es mas peligroso? Un pesticida con una etiqueta que dice: Warning, o Caution, o Danger?



- TRAINING: El patron le dice el equipo de proteccion person que usted necesita ponerse? (Does the boss tell you the PPE that you need to put on?)

*Suit*

- PPE: Digame, por favor, el equipo de proteccion person que se pone: (Tell me, please the PPE that is worn)

✓ Traje (blanco o ?) (White or ?)

Cuantas veces usted lo lleva? (How many times do you wear it?)

*1 day of spraying  
throw out*

Lo limpia usted? Como? (Do you clean it? How?)

✓ Delantal plastico que es resistentes a los productos químicos y es para metzclar

*during mixing  
to protect from splash*

✓ Guantes? De que color? (Gloves? What color?)

green - long

Como los limpia usted? (How do you clean them?)

throw them out

✓ Botas? Son plasticas? (Boots? Are they rubber?)

yes - leather

Sometimes

Como los limpia usted? (How do you clean them?)

agua - water

Rubber boots

— Lentes? (Eye protection—see what type)

yes - safety glasses for sand

— Se pone una mascarilla blanca? Cuantas veces? (Do you wear a white mask? How many times?)

white - round up

— Se pone un respirador con cartuchos? (Do you put on a respirator with cartridges?)

NO

Quando cambia usted los cartuchos? (When do you change the cartridges?)

• WARNINGS: Como saben los trabajadores que hay pesticidas en el campo (o los invernaderos)? Lettreros (Signs)? El patron les avisa? O ambos? (The boss tells them or both?)

They also tell us

yes - signs w/ time on it

• FIRST AID: Que harias si un pesticida salpicado los ojos? (What would you do if a pesticide splashed the eyes—wash eyes 15 minutes)

⇒ WASH

Usted siempre tiene algo de agua limpia con usted?

yes - always water to drink & wash

• FIRST AID: Que harías si un pesticida salpicado la piel? What would you do if a pesticide splashed the skin—wash with soap and water)

*wash w/ soap & water soap immediately yes we have salt*

• FIRST AID: Y si en la boca? (And in the mouth? Look for label, go see patron)

*- wash w/ water - maybe vomit.  
- tell supervisor It depends*

• ILLNESS: Algunas problems con pesticidas para usted? Por ejemplo dolor de cabeza o ranchas? (Any problems with pesticides for you? For example headaches or rashes?)

*NO*

• DANGER PESTICIDES: Cuando estas esprayando un pesticida con calavera y dos huesos ruzados, se comunica tu patron? (o supervisor?) (When you are using a pesticide with skull and cross bones, does your boss communicate with you? )

*NA*

Cuantos veces durante la aplicacion? \_\_\_\_\_ (Cada dos horas?)

• DECONTAMINATION: Cuando usted metzcla o rocia pesticidas, hay agua, jabon, toallas, y otra traje cerca de usted?

*yes - in the truck which is always close*

• HEAT STRESS: Cuando hace mucho calor, puede beber mucha agua cuando trabaja? (When it is very warm, can you drink a lot of water when you work?)

- Cuales son los sintomas de agotamiento de calor? (What are the symptoms of heat stress?) Look for Nausea (nausea), Pulso rapido (fast pulse)--corazon rapido, Dolor de cabeza (headache), Debilidad (faintness), Pupilas muy grandes (Dilated pupils), Confusion (confusion)

*tired, dizzy, faint*

AHORA, DEMUESTREME SU EQUIPO DE PROTECCION PERSONAL, POR FAVOR

(Storage? Clean? Has all pieces?)

*Drink water  
take breaks*

*yes they do that*



WPS WORKER INTERVIEW

Nombre

5/24/15  
Pedro Corona

Direccion

Numero de telefono

(503) 665-9378

Rocia usted los pesticidas para tu patron? Roundup? (Do you spray pesticides here?) If yes, go to handler questionnaire.

no

have in past but its been years - it was Round up

QUESTIONS:

- Hace cuantos anos o meses que trabaja para el dueño? (How many years or months have you worked for the owner?)

28 yrs

- Has recibido entrenamiento de pesticidas, por ejemplo un video o clase? (Have you received pesticide training by video or class?)

yes - about pesticides

Cuando? Este año? (When? This year?)

we saw video yearly  
- also see tractor video

De este patron o otro patron? (From this boss or another boss? I.e., another farm)

yes

- Has visto este folleto? ("SP") (Have you seen this booklet?)

yes - we see it yearly

- **EARLY ENTRY:** El patron te dice entrar el campo cuando hay pesticidas? (Does the boss tell you to enter the field when there are pesticides? ) **NO**

(If so) Recibes entrenamiento del pesticida antes de que entres el campo? (por ejemplo: los peligros, el equipo de proteccion personal?) (Do you receive information about the pesticide before you enter the field, such as the dangers, the PPE?)

- Como sabes hay pesticidas en el campo? (letterero, avisa, board with info) (How do you know there are pesticides in the field?) **They put signs up  
supv. also tells us**

- Te dijo tu patron la información siguiente? (Does you boss tell you the following info?)

**yes** Pesticidas estan in las plantas, agua de irrigacion, muchas lugares, etc.  
(Pesticides are in the plants, irrigation, many places?)

**yes** Es necesario lavarte los manos antes de comer, beber, fumar, etc. y lavarte el cuerpo despues de trabajo? (It's necessary to wash your hands before eating, drinking, smoking etc. AND washing the body after work?) **bathroom,  
eat, smoke**

**yes** Es necesario llevar pantelones para protegerte de los pestacidas.  
(Its necessary to wear long pants to protect yourself from pesticides?)

**-we can't wear shorts**

\_\_\_\_ Que tu no puedes tomar los envases de pesticidas a casa (That you cannot take pesticide containers home?) **NO**

**they are locked up too**

\_\_\_\_ Informacion de los peligros de pesticidas? (Info about the dangers of the pesticides?) **yes**

Lo entiendes? (Did you understand him?)

(This is all about what the boss tells the person)

\_\_\_\_\_ Como los pesticidas entran el cuerpo? (How does pesticide enter the body?)

breath, skin, eyes, eat/ingest by

Puedes decirme? (Can you tell me? Ie how pesticides enter the body) ~~accident~~  
contam. clothing, leaking equip,  
wind carry it

\_\_\_\_\_ Los sintomas cuando una persona esta enferma porque de pesticidas (The symptoms when a person is sick because of pesticides)

Digame las sintomas....(Tell me the symptoms) I haven't had any.  
can become allergic to chemical.  
→ Runny nose, dizzy, vomit

• \_\_\_\_\_ Que haria si un pesticida toca los ojos? (What would you do if a pesticide touches the eyes?)

wash right away w/ water. go to doctor after

La piel (the skin)?

go to doctor wash w/ soap

La boca? (the mouth)

call boss. go to doctor  
it's tricky. Bring label. They are different

• Donde hay jabon y agua para lavarse? Es cerca de ti cuando estas trabajando?  
(Where is the soap and water to wash? Is it near you when you are working?)

yes we have soap, water  
& towels

- there are bathrooms

- we have water in container  
at the area

Safety meetings- yes. all of us.

ex) talk about tractor safety  
— driving on street w/ equip  
— heat stress



# Specimen Label



Dow AgroSciences



## SPECIALTY HERBICIDE

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

A preemergence herbicide for control of certain broadleaf weeds in:

- Established Turfgrass
- Landscape Ornamentals
- Container Grown Ornamentals
- Field Grown Ornamentals
- Groundcovers/Perennials
- Non-Cropland
- Ornamental Bulbs
- Christmas Tree/Conifer Plantations

Group	21	HERBICIDE
-------	----	-----------

Active Ingredient:

isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide and isomers .....	45.45%
Other Ingredients .....	54.55%
Total .....	100%

Contains 4.16 lb active ingredient per gallon.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

EPA Reg. No. 62719-658

## CAUTION

Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift may result in reduced germination or emergence of non-target plants adjacent to treated area. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**Ground Water Advisory:** This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory:** This pesticide may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

### Non-Agricultural Use Requirements

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Entry Restrictions for Non-WPS Uses:** When this product is applied to turf and ornamental plantings in landscape settings and non-cropland areas, do not allow entry into treated areas until sprays have dried unless wearing coveralls, waterproof gloves, and shoes plus socks.

### Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container. Do not store in direct sunlight. Do not store at temperatures above 120°F. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Nonrefillable rigid containers 5 gal or less:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.



## Storage and Disposal (Cont.)

### Refillable rigid containers larger than 5 gal:

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### Nonrefillable rigid containers larger than 5 gal:

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

## Product Information

Gallery® SC specialty herbicide is a preemergence product for control of certain broadleaf weeds in established turfgrass, landscape ornamentals, container grown ornamentals, field grown ornamentals, groundcovers/perennials, ornamental bulbs, Christmas tree/conifer plantations and non-cropland areas. Apply Gallery SC in late summer to early fall, in early spring, or anytime prior to germination of target weeds, or immediately after cultivation.

## Use Precautions and Restrictions

Gallery SC controls weeds germinating from seed. Gallery SC does not control established weeds, or weeds growing from stolons, rhizomes, or root pieces. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings, and trash should be removed or thoroughly mixed into the soil prior to application. Soil in non-turfgrass areas should be in good condition and free of clods at the time of application. Gallery SC is stable on the soil surface for up to 21 days, but must be incorporated by moisture to be effective. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation after application, is necessary to activate Gallery SC. If Gallery SC is not activated by rainfall or irrigation within 21 days after application, erratic weed control may result. In non-turfgrass areas, if weeds emerge due to lack of rainfall or irrigation, shallow cultivation to a depth of 1 to 2 inches will incorporate the herbicide and destroy existing weeds.

### Treatment of Turfgrass or Ornamental Species Not Listed on the Label

Although this label contains a large number of ornamental species, it is not possible to include all of the ornamental plants that may be encountered in nursery or landscape settings. Users who wish to use Gallery SC on a plant species not listed on this label may determine the suitability for such use by treating a small area or small number of plants at a specified rate. Prior to treatment of larger areas, the treated area/plants should be observed for any sign of herbicidal injury during 30 to 60 days of typical growing conditions. The user assumes the responsibility for any plant damage or other liability resulting from use of Gallery SC on species not listed on this label.

**Chemigation:** Do not apply Gallery SC through any type of irrigation system.

Not for sale, use or distribution in New York State.

## Weed Resistance Management:

Isoxaben, the active ingredient in this product, is a Group 21 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 21 herbicides. Such resistant weed plants may not be effectively managed using Group 21 herbicides but may be effectively managed utilizing another herbicide alone or in mixtures from a different Group and/or by using cultural or mechanical practices. However, a herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

### Best Management Practices:

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in retarding the spread of resistant weed seed.

### Spray Drift Management:

Spray equipment and weather affect spray drift. Consider all factors when making application decisions.

Where states have more stringent regulations, they must be observed. Avoiding spray drift is the responsibility of the applicator or grower. To reduce the potential for drift, the application equipment must be set to apply medium to coarse droplets (i.e., ASAE Standard 572) with corresponding spray pressure. Use high flow rate nozzles to apply the highest practical spray volume. With most nozzle types, narrower spray angles produce larger droplets. Follow the nozzle manufacturer's directions on pressure, orientation, spray volume, etc. in order to minimize drift and optimize coverage and control.

**Wind:** Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and non-target plants are growing. Do not spray near sensitive plants if wind is gusty, below 2 mph, or in excess of 10 mph and moving in the direction of adjacent areas of sensitive areas. Local terrain may influence wind patterns; the applicator must be familiar with local conditions and understand how they may impact spray drift.

**Sensitive Areas:** Sensitive areas to this product are defined as bodies of water (ponds, lakes, rivers, streams, and ditches), wetlands, habitats of endangered species, and non-labeled agricultural crop areas. Applicators must take all precautions necessary to keep spray drift from reaching those areas.

**Temperature Inversion:** A surface temperature inversion (i.e., increasing temperature with increasing altitude) greatly increases the potential for drift. Presence of ground fog is a good indicator of a surface temperature inversion. Do not apply during temperature inversions. Always make applications when there is some air movement to determine the direction and distance of possible spray drift.

**Boom Height:** Set the boom and make applications at the lowest height that safely permits uniform coverage of the soil and minimizes droplet evaporation. Boom or nozzle shielding can reduce the effects of wind or air currents on drift. Verify that the shields do not interfere with uniform deposition of product prior to application.

## Application Directions

Apply Gallery SC with a properly calibrated low pressure herbicide sprayer that provides uniform spray distribution. Nozzle screens should be no finer than 50 mesh (50 mesh is finer than 16 mesh). In-line screens and strainers should be no finer than 16 mesh. Apply Gallery SC in 10 gallons or more of water carrier per acre. As the spray volume decreases, the importance of accurate calibration and uniform application increases. Take precautions to avoid spray drift when applying Gallery SC. Drift may result in reduced germination or emergence of non-target plants adjacent to the treated area. Maintain agitation from mixing through application. Avoid boom overlaps that will increase rates above those specified. Calibrate application equipment prior to use according to manufacturer's directions. Check calibration frequently to be sure equipment is working properly and distributing spray uniformly.



# Specimen Label



Dow AgroSciences



## SPECIALTY HERBICIDE

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

Provides control of listed annual grasses and broadleaf weeds in:

- Established lawns
- Commercial sod farms
- Ornamental and sports turf (including but not limited to sport fields, golf course fairways, roughs, tee boxes, unimproved turfgrass areas)
- Container grown ornamentals
- Field-grown ornamentals
- Landscape ornamentals
- Non-cropland such as: airports, barrow ditches, cemeteries, communication transmission lines, electrical power and utility rights-of-way, fencerows, gravel pits, hard-surface cracks, industrial sites, military lands, mining and drilling areas, non-irrigation ditch banks, gas and oil pads, parking lots, petroleum tank yards, pipelines, pump stations, railroads, roadsides, debris retention areas, service roads, solar fields, storage areas or yards, substations, vacant lots and other non-crop residential and commercial areas
- Natural areas (open space) such as: restoration sites, campgrounds, parks, prairie management, trails and trailheads, recreation areas, wildlife openings and wildlife habitat and management areas
- Christmas tree farms

In New York State, this product may be used by commercial applicators only, at no more than 2 pints (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per acre per year of this product (equivalent to 0.25 lb of active ingredient per acre).

GROUP	3	HERBICIDE
-------	---	-----------

Active Ingredient

dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-

3,5-pyridinedicarbothioate.....24%  
Other Ingredients.....76%  
Total.....100%

Contains petroleum distillates

Contains 240 grams per liter or 2 lb active ingredient per U.S. gallon.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

EPA Reg. No. 62719-542

## WARNING

Causes Skin Irritation • Causes Moderate Eye Irritation • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical-resistance category selection chart.

**WPS Uses: Applicators and other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered - must wear:**

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves ≥14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks

**WPS Uses: Mixers and loaders must wear:**

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves ≥14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks
- Chemical-resistant apron

**Non-WPS Uses: Applicators and other handlers, mixers and loaders who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered - must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves >14 mils such as barrier laminate or butyl rubber

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

**If on skin or on clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

**Note to Physician:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

### Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

**REFORMULATION OR REPACKAGING OF THIS PRODUCT IS PROHIBITED.**

Page 41

K7419-030-17



Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment, restricted-entry interval, and notification to workers (as applicable). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves  $\geq 14$  mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks

### Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep unprotected persons out of treated area until sprays have dried.

### Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F to avoid crystallization. If crystals form or product freezes, move product to area with ambient temperature above 32°F and shake well until crystals have dissolved.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Nonrefillable containers 5 gallons or less:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable containers larger than 5 gallons:**

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**Nonrefillable containers larger than 5 gallons:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### Storage and Disposal (Cont.)

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

### Product Information

Dimension® 2EW specialty herbicide provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns, commercial sod farms, ornamental and sports turf (including but not limited to sport fields, golf course fairways, roughs, tee boxes, unimproved turfgrass areas), container-grown ornamentals, field-grown ornamentals, landscape ornamentals, non-cropland (see list above), natural areas and Christmas trees.

This product will not control established weeds, except for crabgrass in early stages of growth. For optimum control, applications of this product should be made preemergence (prior to germination of target weeds).

This product is most effective when activated by 1/2 inch or more of rainfall or irrigation. To optimize control, ensure that activation has occurred prior to germination of most grass and broadleaf weeds.

**Chemigation:** Do not apply this product through any type of irrigation system.

### Mixing Directions

#### Dimension 2EW Alone with Water as the Carrier

Fill a previously cleaned spray tank with water to about three-fourths of the desired volume. Add the recommended amount of Dimension 2EW to the tank. Complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source.

#### Dimension 2EW Alone with Liquid Fertilizer as the Carrier

Determine the compatibility of Dimension 2EW with the desired liquid fertilizer by mixing small proportional quantities in advance. See the Physical Compatibility Test section of this label. Then follow the mixing procedure listed below for tank mixtures.

#### Tank Mixtures

Dimension 2EW may be applied in tank mix combination with labeled rates of liquid fertilizers or other herbicides, such as but not limited to Gallery, Defendor and Accord XRT II, provided (1) the tank mix product is labeled for the timing and method of application for the use site to be treated; and (2) tank mixing is not prohibited by the label of the tank mix product. Read carefully and follow all applicable use directions, precautions, and limitations on the respective product labels. When tank mixing, use the most restrictive label limitations for each of the products being used in the tank mix.

When tank mixing Dimension 2EW with other materials, a compatibility test (jar test) using relative proportions of the tank mix ingredients should be conducted prior to mixing ingredients in the spray tank. See the Physical Compatibility Test Mixing Instructions section of this label.

**Mixing Order for Tank Mixes:** Place a 20 to 35 mesh screen or wetting basket over the filling port. Fill the spray tank 1/2 full with the appropriate carrier. Start agitation. Slowly add different formulation types in the order indicated below, allowing time for complete dispersion and mixing after addition of each product.

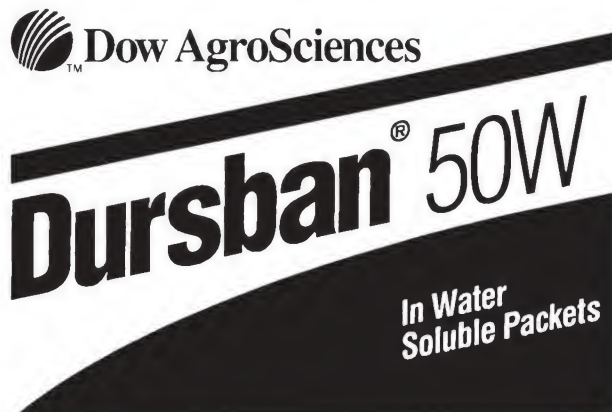
1. Compatibility agent (if needed)
2. Wettable powder or water dispersible granules (if used)
3. Suspension concentrates
4. Dimension 2EW and liquid (emulsifiable concentrate or liquid concentrate) pesticide (if used)
5. Water soluble liquid products
6. Surfactants, marker dyes or drift control additives

Maintain an air buffer between the hose and the solution in the tank to avoid siphoning back into the carrier source. Maintain continuous agitation during mixing and throughout application. If spraying and

# Specimen Label

## RESTRICTED USE PESTICIDE

Due to primary eye irritation study. For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



## Specialty Insecticide

®Trademark of Dow AgroSciences LLC

### Active Ingredient:

chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)  
phosphorothioate

50%

Other Ingredients 50%

Total 100%

EPA Reg. No. 62719-72

## Keep Out of Reach of Children

## DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**Corrosive • Causes Irreversible Eye Damage • May Be Fatal If Swallowed • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals**

Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Avoid contact with skin.

### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, polyethylene, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC), and viton (all  $\geq 14$  mils). For more information, follow instructions in Supplement Three of PR Notice 93-7. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

### Mixers and loaders must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Shoes plus socks
- Protective eyewear (goggles or face shield)
- Chemical-resistant apron

### All other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant apron when mixing or loading
- Chemical-resistant footwear plus socks
- Protective eyewear (goggles or face shield)
- Chemical-resistant headgear for overhead exposures
- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Controls

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water soluble packets must wear the PPE required above for mixer/loaders, and have immediately available for use in emergency (such as a broken package, spill or equipment breakdown) additional PPE. These PPE include coveralls and chemical-resistant footwear and a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

When applicators use closed cab motorized ground equipment in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(e)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

#### Organophosphate

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.



### First Aid (Cont.)

**Note to Physician:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

### Environmental Hazards

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**Notice:** Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on this label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at [www.dowagro.com](http://www.dowagro.com).

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

This product cannot be reformulated or repackaged into other end-use products.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). The REI for each crop is listed in the directions for use associated with each crop.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 122°F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below. Packets may become brittle when stored below 32°F. Handle carefully to avoid breakage.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Nonrefillable rigid containers 5 gallons or less:**

**Container Reuse:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.



# Intrinsic® Brand Fungicide

**For disease control and plant health in ornamentals, commercial production of greenhouse grown tomatoes, and tomato transplants for the home consumer market**

**Active Ingredients:**

pyraclostrobin\*: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester) . . . . . 12.8%

boscalid\*\*: 3-pyridinecarboxamide, 2-chloro-N-(4'-chloro(1,1'-biphenyl)-2-yl)-. . . . . 25.2%

**Other Ingredients:** . . . . . 62.0%

**Total:** . . . . . 100.0%

\* 0.128 oz (0.008 lb) of pyraclostrobin in 1 oz of product

\*\* 0.252 oz (0.0158 lb) of boscalid in 1 oz of product

**EPA Reg. No. 7969-251**

**EPA Est. No.**

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

**In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).**

**Net Contents:**



FIRST AID	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

## Precautionary Statements

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

### Personal Protective Equipment (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl; neoprene, pvc, polyethylene, viton, natural rubber, and/or barrier laminate)
- Shoes plus socks
- Applicators and other handlers must wear a NIOSH approved respirator with any N, R, P, or HE filter or NIOSH approval number prefix TC-84A when applying with a mechanically pressurized handgun to greenhouse tomato

Discard clothing and other absorbant materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### Environmental Hazards

**DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

### Groundwater Advisory

Boscalid and pyraclostrobin are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of boscalid and pyraclostrobin from runoff water and sediment. Runo

avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

### Endangered Species Concerns

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

This pesticide is toxic to mammals, fish, and aquatic invertebrates and should be used strictly in accordance with drift precautions on this label to minimize off-site exposures. **DO NOT** apply when weather conditions favor drift from treated areas to nontarget aquatic habitats. Notify state and/or federal authorities and BASF immediately if you observe any adverse environmental effects due to use of this product.

To determine whether your county has endangered aquatic species, consult the County Bulletins at <http://www.epa.gov/oppfead1/endanger/bulletins.htm>.

Endangered Species Bulletins may also be obtained from extension offices or state pesticide agencies. If a bulletin is not available for your specific area, check with the appropriate local state agency to determine if known populations of endangered aquatic species occur in the area to be treated.

### Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation. This label must be in the user's possession during application.

For use only by certified applicators or persons under their direct supervision.

**Failure to follow the use directions and precautions on this label may result in plant injury or poor disease control.**

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **12 hours** for all crops.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves, made of any waterproof material (such as nitrile, butyl, neoprene, pvc, polyethylene, viton, natural rubber, and/or barrier laminate)
- Shoes plus socks

### NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **NOT** within the scope of the Worker Protection Standard of agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, nurseries, or greenhouses.

**DO NOT enter or allow others to enter treated areas until sprays have dried.**

### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

#### Pesticide Storage

Store in original containers only. Keep container closed when not in use. **DO NOT** store near food or feed.

#### Pesticide Disposal

Wastes resulting from using this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

(continued)



## STORAGE AND DISPOSAL *(continued)*

### Container Handling

(for paper or plastic bags)

**Nonrefillable Container. DO NOT reuse or refill this container.** Completely empty container into application equipment by shaking and tapping sides and bottom to loosen clinging particles. When completely empty, offer for recycling if available, or dispose of empty bag in a sanitary landfill, or incineration, or by other procedures approved by state and local authorities.

**Nonrefillable Container. DO NOT reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity up to 50 pounds) as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure 2 more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

### In Case of Emergency

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

### Steps to be taken in case material is released or spilled:

- In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to label.
- Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.
- Remove contaminated clothing and wash affected skin areas with soap and water.
- Wash clothing before reuse.
- Keep the spill out of all sewers and open bodies of water.

## Product Information

**Pageant® Intrinsic® brand fungicide**, a water-dispersible granule (WG), is a broad-spectrum fungicide used for the control of many important diseases in ornamental plants, to control Botrytis gray mold in commercial production of greenhouse tomatoes, and for control of multiple diseases in tomato transplants for the home consumer market only. Preventive applications of **Pageant Intrinsic** optimize disease control resulting in improved plant health.

**Pageant Intrinsic** provides optimum disease control when applied in a regularly scheduled protective fungicide program and used in a resistance management spray program that rotates fungicides with different modes of action. Refer to the specific use directions and restrictions found in this label.

### Modes of Action

Pyraclostrobin and boscalid, the active ingredients of **Pageant Intrinsic**, belong to the groups of respiration inhibitors classified by the US EPA and Canada PMRA as target site of action **Group 11** and **Group 7** fungicides, respectively.

### Resistance Management

**Pageant Intrinsic** contains pyraclostrobin and boscalid, a premix of a **Group 11** and a **Group 7** fungicide. Fungal isolates resistant to **Group 11** (strobilurin or QoI) fungicides, such as pyraclostrobin, azoxystrobin, trifloxystrobin, and kresoxim-methyl, and **Group 7** (carboximide) fungicides may eventually dominate the fungal population if **Group 7** or **Group 11** fungicides are used predominantly and repeatedly in the same area in successive years as the primary method of control for the targeted pathogen species. This may result in reduction of disease control by **Pageant Intrinsic** or other **Group 7** or **Group 11** fungicides. Apply **Pageant Intrinsic** in an alternation or tank mix program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed.

### Integrated Pest (Disease) Management (IPM)

Integrate **Pageant Intrinsic** into an overall disease and pest management program that includes selection of varieties with disease tolerance, optimum plant populations, proper fertilization, pruning, plant residue management, proper timing and placement of irrigation, and manipulation of environmental conditions to prevent fungal development where possible.

## ATTENTION:

This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and must read and follow all label directions.
- You should not base any use of a similar product on the precautions, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.

21225H2-13

# Ranger

**PRO**® Herbicide

Ranger PRO herbicide is a complete broad-spectrum postemergence professional herbicide for industrial, turf and ornamental weed control.

## Complete Directions for Use

EPA Reg. No. 524-517

2010-1

**AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION IS LIKELY TO RESULT.**

Read the entire label before using this product.

Use only according to label instructions.

Not all products listed in this label are registered for use in California. Check the registration status of each product in California before using.

Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.

THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

## 1.0 INGREDIENTS

### ACTIVE INGREDIENT

\*Glyphosate, N-(phosphonomethyl)glycine,  
in the form of its isopropylamine salt ..... 41.0%  
OTHER INGREDIENTS (including surfactant): ..... 59.0%  
100.0%

\*Contains 480 grams per liter or 4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

This product is protected by U.S. Patent Nos. 5,683,958; 5,703,015; 6,063,733; 6,121,199; 6,121,200. No license granted under any non-U.S. patent(s).

## 2.0 IMPORTANT PHONE NUMBERS

FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT,  
CALL TOLL-FREE, 1-800-332-3111.

IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT, OR FOR MEDICAL ASSISTANCE,  
CALL COLLECT, DAY OR NIGHT, (314)-694-4000.

## 3.0 PRECAUTIONARY STATEMENTS

### 3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.

## CAUTION!

CAUSES EYE IRRITATION.

Avoid contact with eyes or clothing.

**FIRST AID:** Call a poison control center or doctor for treatment advice.

**IF IN EYES**

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.
- Remove contact lenses if present after the first 5 minutes then continue rinsing eye.

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may also contact (314) 694-4000, collect day or night, for emergency medical treatment information.
- This product is identified as **Ranger PRO® herbicide, EPA Registration No. 524-517.**

**DOMESTIC ANIMALS:** This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

### Personal Protective Equipment (PPE)

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## 3.2 Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

## 3.3 Physical or Chemical Hazards

Mix, store and apply spray solutions of this product using only stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.



## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label or in separately published Monsanto Supplemental Labeling or Fact Sheets. Supplemental labeling can be found on the Internet at [www.agrian.com](http://www.agrian.com), [www.cdms.net](http://www.cdms.net) or [www.greenbook.net](http://www.greenbook.net) websites or obtained by contacting your Authorized Monsanto Retailer or Monsanto Company Representative.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls, chemical resistant gloves greater than 14 mils in thickness composed of materials such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber, shoes plus socks.

### Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (40 CFR Part 170) for agricultural pesticides. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep people and pets off treated areas until spray solution has dried.

## 4.0 STORAGE AND DISPOSAL

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE STORAGE:** Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

**PESTICIDE DISPOSAL:** To avoid wastes, use all material in this container, including rinsate, by application in accordance with label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Such programs are often run by state or local governments or by industry. All disposal must be in accordance with applicable Federal, State and local procedures.

See container label for container handling and disposal instructions and for refilling limitations.

## 5.0 PRODUCT INFORMATION

**Product Description:** This product is a postemergence, systemic herbicide with no residual soil activity. It gives broad-spectrum control of many annual weeds, perennial weeds, woody brush and trees. It is formulated as a water-soluble liquid containing surfactant and no additional surfactant is needed or recommended. It may be applied through standard equipment after dilution and mixing with water or other carriers according to label instructions.

**Time to Symptoms:** This product moves through the plant from the point of foliage contact to and into the root system. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above-ground growth and deterioration of underground plant parts. Effects are visible on most annual weeds within 2 to 4 days, but on most perennial weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow activity of this product and delay development of visual symptoms.

**Stage of Weeds:** Annual weeds are easiest to control when they are small. Best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity. See the "WEEDS CONTROLLED" sections of this label for specific weed rates.

Always use the higher product application rate in the range when weed growth is heavy or dense, or when weeds are growing in an undisturbed (non-cultivated) area. Reduced

weed control may result from treating weeds with disease or insect damage, weeds heavily covered with dust, or weeds under poor growing conditions.

**Mode of Action in Plants:** The active ingredient in this product inhibits an enzyme found only in plants and microorganisms that is essential to formation of specific amino acids.

**Cultural Considerations:** Reduced control may result when applications are made to annual or perennial weeds that have been mowed, grazed or cut, and have not been allowed to regrow to the appropriate stage for treatment.

**Rainfastness:** Heavy rainfall soon after application may wash this product off of the foliage and a repeat application may be required for adequate control.

**Spray Coverage:** For best results, ensure spray coverage is uniform and complete. Do not spray foliage to the point of runoff.

**No Soil Activity:** Weeds must be emerged at the time of application to be controlled by this product. Weeds germinating from seed after application will not be controlled. Unemerged plants arising from unattached underground rhizomes or rootstocks of perennials will not be affected by the herbicide and will continue to grow.

**Maximum Application Rates:** The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this product per acre. However, the maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or as tank mixtures, on a basis of total pounds of glyphosate (acid equivalents) per acre. If more than one glyphosate-containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate (pounds acid equivalents) does not exceed the maximum allowed. The combined total of all treatments must not exceed 10.6 quarts of this product (10.6 pounds of glyphosate acid) per acre per year. See the "INGREDIENTS" section of this label for necessary product information.

### ATTENTION

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product increases when winds are gusty, as wind velocity increases, when wind direction is constantly changing or when there are other meteorological conditions that favor spray drift. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) that are likely to drift. AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.

**NOTE:** Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

## 5.1 Weed Resistance Management

GROUP	9	HERBICIDE
-------	---	-----------

Glyphosate, the active ingredient in this product, is a Group 9 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 9 herbicides. Weed species resistant to Group 9 herbicides may be effectively managed utilizing another herbicide from a different Group or using other cultural or mechanical practices.

To minimize the occurrence of glyphosate resistant biotypes observe the following good weed management practices:

- Scout your application site before and after herbicide applications.
- Control weeds early when they are relatively small.
- Incorporate other herbicides and cultural or mechanical practices as part of your weed control system where appropriate.
- Utilize the label rate for the most difficult weed in the site. Avoid tank-mixtures with other herbicides that reduce this product's efficacy (through antagonism) or tank mixtures which encourage rates of this product below the labeled amounts.
- Control weed escapes and prevent weeds from setting seeds.
- Clean equipment before moving from site to site to minimize spread of weed seed.
- Use new commercial seed as free of weed seed as possible.
- Report any incidence of repeated non-performance of this product on a particular weed to your Monsanto representative, local retailer, or county extension agent.

## 5.2 Management for Glyphosate Resistant Weed Biotypes

**NOTE:** Appropriate testing is critical in order to confirm weed resistance to glyphosate. Contact your Monsanto representative to determine if resistance has been confirmed to any particular weed biotype in your area. Control instructions for biotypes confirmed as resistant to glyphosate are made:

# Specimen Label



**Gallery**<sup>®</sup>  
75 Dry Flowable

## Specialty Herbicide

®Trademark of Dow AgroSciences LLC

A preemergence herbicide for control of certain broadleaf weeds in:

- Established Turfgrass
- Landscape Ornamentals
- Container Grown Ornamentals
- Field Grown Ornamentals
- Groundcovers/Perennials
- Non-Cropland
- Ornamental Bulbs
- Non-Bearing Fruit and Nut Trees and Non-Bearing Vineyards
- Christmas Tree/Conifer Plantations

Active Ingredient:

isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-isoxazoly]-2,6-dimethoxybenzamide and isomers

75%

Other Ingredients

25%

Total

100%

Contains 0.75 lb active ingredient per pound.

EPA Reg. No. 62719-145

Keep Out of Reach of Children

## CAUTION

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to inside of label booklet for additional precautionary information including Directions for Use.

**Notice:** Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

### Precautionary Statements

Hazards to Humans and Domestic Animals

## CAUTION

Causes Eye Irritation • Harmful If Inhaled

Avoid ingestion, breathing dust or spray mist, and contact with skin, eyes, or clothing.

### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### First Aid

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

### Environmental Hazards

Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift may result in reduced germination or emergence of non-target plants adjacent to treated area.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI)



### Agricultural Use Requirements (Cont.)

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

### Non-Agricultural Use Requirements

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Entry Restrictions for Non-WPS Uses:** When this product is applied to turf and ornamental plantings in landscape settings and non-cropland areas, do not allow entry into treated areas until sprays have dried unless wearing coveralls, waterproof gloves, and shoes plus socks.

### Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container. Do not store in direct sunlight. Do not store at temperatures above 120°F. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

#### Nonrefillable rigid containers 5 gallons or less:

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

#### Nonrefillable nonrigid containers:

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

#### Refillable rigid containers larger than 5 gal:

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

#### Nonrefillable rigid containers larger than 5 gal:

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand

### Storage and Disposal (Cont.)

the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### General Information

Gallery® 75 Dry Flowable specialty herbicide is a preemergence product for control of certain broadleaf weeds in established turfgrass, landscape ornamentals, container grown ornamentals, field grown ornamentals, groundcovers/perennials, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards, Christmas tree/conifer plantations and non-cropland areas. Apply Gallery 75 Dry Flowable in late summer to early fall, in early spring, or anytime prior to germination of target weeds, or immediately after cultivation.

### Use Precautions and Restrictions

Gallery 75 Dry Flowable controls weeds germinating from seed. Gallery 75 Dry Flowable does not control established weeds, or weeds growing from stolons, rhizomes, or root pieces. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings, and trash should be removed or thoroughly mixed into the soil prior to application. Soil in non-turfgrass areas should be in good condition and free of clods at the time of application. Gallery 75 Dry Flowable is stable on the soil surface for up to 21 days, but must be incorporated by moisture to be effective. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation after application, is necessary to activate Gallery 75 Dry Flowable. If Gallery 75 Dry Flowable is not activated by rainfall or irrigation within 21 days after application, erratic weed control may result. In non-turfgrass areas, if weeds emerge due to lack of rainfall or irrigation, shallow cultivation to a depth of 1 to 2 inches will incorporate the herbicide and destroy existing weeds.

#### Treatment of Turfgrass or Ornamental Species Not Listed on the Label

Although this label contains a large number of ornamental species, it is not possible to include all of the ornamental plants that may be encountered in nursery or landscape settings. Users who wish to use Gallery 75 Dry Flowable on a plant species not listed on this label may determine the suitability for such use by treating a small area or small number of plants at a specified rate. Prior to treatment of larger areas, the treated area/plants should be observed for any sign of herbicidal injury during 30 to 60 days of typical growing conditions. The user assumes the responsibility for any plant damage or other liability resulting from use of Gallery 75 Dry Flowable on species not listed on this label.

**Chemigation:** Do not apply Gallery 75 Dry Flowable through any type of irrigation system.

Not for sale, use or distribution in New York State.

### Application Directions

Apply Gallery 75 Dry Flowable with a properly calibrated low pressure herbicide sprayer that provides uniform spray distribution. Nozzle screens should be no finer than 50 mesh (50 mesh is finer than 16 mesh). In-line screens and strainers should be no finer than 16 mesh. Apply Gallery 75 Dry Flowable in 10 gallons or more of water carrier per acre. As the spray volume decreases, the importance of accurate calibration and uniform application increases. Take precautions to avoid spray drift when applying Gallery 75 Dry Flowable. Drift may result in reduced germination or emergence of non-target plants adjacent to the treated area. Maintain agitation from mixing through application. Avoid boom overlaps that will increase rates above those specified. Calibrate application equipment prior to use according to manufacturer's directions. Check calibration frequently to be sure equipment is working properly and distributing spray uniformly.

# PESTICIDE APPLICATION RECORD

Year: Date: MO/DA Time	Crop or Commodity	Location	Water Shed	Active Ingredient Brand or Product Name	EPA Registration Number	# of Units or Acres	Total Amount of Product (oz, lb, pt, qt, gal)	Applicator Information	Restricted Re-entry Interval Duration (HOURS)	Expiration (Mo/Da/Time)	Purpose
5-4-17	Asst'd new planting	Stafford	L	Ixosaben Gallay 75 DF ✓	62719-145	3 ac.	1 1/2 lb	Jack	24	5-5-17	W C
5-4-17	Asst'd new plants	Stafford	L	Dithio pyr Dimension 2 EC ✓	62719-542	3 ac.	33 oz	Jack	24	5-5-17	W C
5-6-17	Spruce, pine birch Pear	Powers, Dons Kathy's Home	L	Chlorpyrifos Dursban SD ✓	62719-72	6 ac.	6 lb	Jack	24	5-7-17	I C
5-6-17	Spruce, Pine Pear, birch	Powers, Dons Kathy's Home	L	Pyrethroids boscain Pagaent ✓	7969-251	6 ac	6 lb	Jack	24	5-7-17	D C
4-21-17	bare root stock in sand Puts in Salscha	Home	L	Nature shield	exempt	—	—	Jack	—	—	Anti- Perspiration
5-3-17	"	"	L	Nature shield	exempt	—	—	—	—	—	Anti- Perspiration
5-4-17	Asst'd field plants	Dons Kathy's	L	Glyphosate ranger pro ✓			7 1/2 gal	Chris and Crew	24	5-5-17	W C
5-9-17	Asst'd new plants	Bergs, Harris	L	Ixosaben Gallay 75 DF ✓	62719-145	5 ac.	2 1/2 lb	Jack	24	5-10-17	W C
5-9-17	Asst'd new plants	Bergs, Harris	L	Dithio pyr Dimension 2 EC ✓	62719-542	5 ac	55 oz	Jack	24	5-10-17	W C
5-10-17	Asst'd new plants	Bergs, Harris	L	Ixosaben Gallay SC ✓	62719-658	1 ac.	10 oz	Jack	24	5-11-17	W C
5-10-17	Asst'd new plants	Bergs, Harris	L	Dithio pyr Dimension 2 EC ✓	62719-542	1 ac.	11 oz	Jack	24	5-11-17	W C
5-10-17	Asst'd plants new	Tillstrom Nyhoffs	W	Ixosaben Gallay SC ✓	62719-658	3 ac.	30 oz	Jack	24	5-11-17	W C
5-10-17	plants new	Tillstrom Nyhoffs	W	Dithio pyr Dimension 2 EC ✓	62719-542	3 ac.	33 oz	Jack	24	5-11-17	W C
5-11-17	new plants	Tillstrom Nyhoffs	W	Ixosaben Gallay SC ✓	62719-658	2 ac	20 oz	Jack	24	5-12-17	W C
5-11-17	new plants	Tillstrom Nyhoffs	W	Dithio pyr Dimension 2 EC ✓	62719-542	2 ac	22 oz	Jack	24	5-12-17	W C



# PESTICIDE APPLICATION RECORD

Year: Date: MO/DA Time	Crop or Commodity	Location	Active Ingredient Brand or Product Name	EPA Registration Number	# of Units or Acres	Total Amount of Product (oz, lb, pt, qt, gal)	Applicator Information	Restricted Re-entry Interval		Purpose
								Duration (HOURS)	Expiration (Mo/Da/Time)	
1-31-17	Asstd plant	Home	Clethodium Volunteer	66330-353- 55467	3AC	150Z	Chris Joel	24	2-1-17	W C
1-31-17	Asstd plant	Home	Prodiamine Alligane	81927-36	3AC	240Z	Chris Joel	24	2-1-17	W C
1-31-17	Asstd plant	Home	LI 700	—	3AC	240Z	Chris Joel	24	2-1-17	sunbaked
2-1-17	Asstd plants	Alms	Flumioxazin Sureguard	59639-120	2ac	100Z	Chris Joel	24	2-2-17	W C
2-1-17	Asstd Plants	Alms	Clethodium Volunteer	66330-353- 55467	2ac	100Z	Chris Joel	24	2-2-17	W C
2-1-17	Asstd Plants	Alms	Prodiamine Alligane	81927-36	2ac	160Z	Chris Joel	24	2-2-17	W C
2-1-17	Asstd Plants	Alms	LI 700	—	2ac	160Z	Chris Joel	24	2-2-17	sunbaked
2-27-17	Asstd Plants	Home can yard	Indaziflam Mancengo G	432-1523- 59807	22000 sq ft.	40lb	Scott	24	2-28-17	W C
3-12-17	Cherry Rilbert	Stafford, Dons Harris, Kathy's Nicholls	Mancozeb Dithane	62719-402	4 acre	1 gal	Jack	24	3-13-17	D C
3-13-17	Asstd plants	Home N can yard	Indaziflam Mancengo G.	432-1523- 59807	4500 sq ft.	8lb	Scott	24	3-14-17	W C
3-13-17	Asstd plants	Home can yard	trifluralin Isoxaben Snap shot	62719-175	7500 sq ft.	2lb	Scott	24	3-14-17	W C
3-23-17	Asstd plant under greenhouses, shade house, seaweed beds bunchings		rat bait			1 1/4 lb.	Chris			rodent C.
4-1-17	Asstd plants	gravel beds	Indaziflam Mancengo	432-1523- 59807	15000 sq ft.	26lb	Scott	24	4-8-17	W C
4-1-17	cherry fulbants	Stafford, Kathy Dons, Harris, Nicholls	Mancozeb Docket WS	62719-402	4 acre	1 gal	Jack	24	4-16-17	D C
4-1-17	spruce, pine Jun. Plum	Kathy's, Dons Kings	Chlorpyrifos Dursban 50W	62719-72	6 acres	6lb.	Jack	24	4-30-17	D C
4-1-17	spruce, pine Plum, Jun.	Kathy's, Kings Dons	Pyraclostrobin boscalid pageant	7969-251	6 acre	1 lb.	Jack	24	4-30-17	D C

Page 54  
K7419-030-17

**FUMIGANT MANAGEMENT PLAN  
(FIELD FUMIGATION)  
RFS# T8010**

**Trident AG Products, Inc  
PO Box 1909 Woodland, WA 98674  
360-225-3588**

PAGE 1 OF 6

**--Address ALL Fumigant Management Plan Labeling Requirements--**

**A. Supervising Certified Applicator On-Site**

NAME Dave Sbur	INDIVIDUAL LICENSE NUMBER 1001692 OR	DAY 1	CERTIFIED APPLICATOR <input checked="" type="checkbox"/> YES
NAME	INDIVIDUAL LICENSE NUMBER	DAY 2	CERTIFIED APPLICATOR <input type="checkbox"/> YES
NAME	INDIVIDUAL LICENSE NUMBER	DAY 3	CERTIFIED APPLICATOR <input type="checkbox"/> YES
NAME	INDIVIDUAL LICENSE NUMBER	DAY 4	CERTIFIED APPLICATOR <input type="checkbox"/> YES
NAME	INDIVIDUAL LICENSE NUMBER	DAY 5	CERTIFIED APPLICATOR <input type="checkbox"/> YES
PEST CONTROL BUSINESS NAME Trident AG Products, Inc	PEST CONTROL BUSINESS PHONE NUMBER 360.225.3588	PEST CONTROL BUSINESS ADDRESS PO Box 1909 Woodland, WA 98674	

**B. Owner / Operator of Application Block Property**

NAME Don Ekstrom/Ekstrom Nursery	TELEPHONE NUMBER (include area code) 503-539-3076c	TELEPHONE NUMBER (include area code) 503-663-4035
ADDRESS (Number and Street, City, State, Zip Code) 1600 SE 282nd Ave, Gresham, OR 97080		

**C. County / Tribal Notification**

COUNTY	TRIBAL LEAD AGENCY (If Applicable)	
NAME OF PERSON NOTIFIED	CONTACT INFORMATION	DATE NOTIFIED

**D. Recordkeeping**

☒ CHECK HERE IF THE OWNER/OPERATOR OF THE APPLICATION BLOCK HAS BEEN INFORMED THAT HE/SHE, AS WELL AS THE CERTIFIED APPLICATOR, MUST KEEP A SIGNED COPY OF THE SITE-SPECIFIC FUMIGANT MANAGEMENT PLAN AND POST-APPLICATION SUMMARY FOR 2 YEARS FROM THE DATE OF APPLICATION

**E. General Site Information**

ADDRESS OF APPLICATION BLOCK (Number and Street, City, State, Zip Code) 282nd St. South of John Deere store		
CROP ornamentals	BLOCK NUMBER see map	BLOCK SIZE (ACRES) 3+ac collectively

SITE MAP, AERIAL PHOTOGRAPH ATTACHED TO THE FMP, THAT SHOWS APPLICATION BLOCK LOCATION, APPLICATION BLOCK DIMENSIONS, BUFFER ZONE DIMENSIONS, PROPERTY LINES, ROADWAYS, RIGHT-OF-WAYS, SIDEWALKS, PERMANENT WALKING PATHS, BUS STOPS, NEARBY APPLICATION BLOCKS, SURROUNDING STRUCTURES (OCCUPIED AND UNOCCUPIED), LOCATIONS OF BUFFER ZONE SIGNS, LOCATIONS OF DIFFICULT TO EVACUATE SITES WITH DISTANCES FROM THE APPLICATION BLOCK INDICATED, AND ANY OTHER SITE DETAILS REQUIRED BY PRODUCT LABELING.

☒ CHECK HERE IF MAP AND SITE INFORMATION ARE ATTACHED.



**FUMIGANT MANAGEMENT PLAN  
(FIELD FUMIGATION) RFS# T8010**

PAGE 2 OF 6

**F. General Application Information**

PRODUCT NAME Tricon 50/50		U.S. EPA REGISTRATION NUMBER 11220-10	TARGET DATE 6-1-16
APPLICATION RATE (POUNDS OR GALLONS OF PRODUCT/TREATED AREA) 360#		MAP/SITE INFORMATION ATTACHED <input checked="" type="checkbox"/> YES	GPS COORDINATES
APPLICATION METHOD (Mark as applicable)			
<input type="checkbox"/> FLOOD	<input type="checkbox"/> SPRINKLER*	<input type="checkbox"/> SPRAY BLADE DEPTH (inches) _____	<input type="checkbox"/> DRIP DEPTH (In.) _____
<input type="checkbox"/> DRENCH	<input type="checkbox"/> SHANK DEPTH (inches) _____	<input type="checkbox"/> ROTARY TILL DEPTH (Inches) _____	<input type="checkbox"/> OTHER (specify) _____
<b>SPRINKLER</b>	WATER PRESSURE (Pounds per square inch)	NOZZLE SIZE	LENGTH / LINE
	IRRIGATION SET NUMBER	LINES / SET	ACRES TREATED / SET
TREATMENT TYPE (Mark as applicable)			
<input checked="" type="checkbox"/> BROADCAST (Entire field)	<input type="checkbox"/> ROWS (Flat Fume)	<input type="checkbox"/> STRIP _____	
<input type="checkbox"/> RAISED BEDS	<input type="checkbox"/> TREE	OTHER _____	

**G. Emergency Response Plan**

EMERGENCY TELEPHONE NUMBER(S) 911	CHEM-TREC CCN#22734 800.424.9300
PROPERTY OPERATOR NAME Don Ekstrom/Ekstrom Nursery	PROPERTY OPERATOR TELEPHONE NUMBER (Include Area Code) 503-539-3076c
PROPERTY OPERATOR ADDRESS (Number and Street, City, State, Zip Code) 1600 SE 282nd Ave, Gresham, OR 97080	
CERTIFIED APPLICATOR NAME Dave Sbur	CERTIFIED APPLICATOR TELEPHONE NUMBER (Include Area Code) 971-563-8848c
CERTIFIED APPLICATOR ADDRESS (Number and Street, City, State, Zip Code) TRIDENT Ag Products, POBox1909/346 N. Pekin Rd., Woodland WA 98674	
LOCATION OF ONSITE TELEPHONE(S) Trident Vehicles	
DESCRIPTION OF HOW COMMUNICATION WILL TAKE PLACE BETWEEN THE CERTIFIED APPLICATOR AND OTHER PERSONS Verbal/ Direct	
DESCRIPTION OF EVACUATION ROUTES Move all people upwind preferably near the main access road. 282nd	
EMERGENCY PROCEDURE / RESPONSIBILITIES IN CASE OF AN INCIDENT, EQUIPMENT/TARP/SEAL FAILURE, COMPLAINTS OR ELEVATED AIR CONCENTRATION LEVELS SUGGESTING POTENTIAL PROBLEMS OR OTHER EMERGENCIES <ul style="list-style-type: none"><li>•Evacuate the immediate area of a fire or unauthorized release and move to a safe, upwind location from which to contact the Application Supervisor.</li><li>•If there are people in the area of the incident, then, advise them to move away and out of the downwind direction.</li><li>•If there is a reasonable belief that the release or a threatened release poses a present or potential hazard to human health, immediately call 911.</li><li>•If anyone is exposed to a pesticide, that person must be moved upwind and be decontaminated immediately, get medical help from local emergency responders and be transferred to the nearest hospital for treatment Call the Poison Control Center at 800-222-1222. Have a product container or a label with you when you call the Poison Control Center</li><li>•In case of a product spill not involving personal exposure or potential exposure call: Chemtrec at 800-424-9300</li><li>•Communication will take place between applicator, landowner, / operator and other onsite handlers</li></ul>	
Trident's "Field Safety Plan" available on site	

**H. Communication Plan for Certified Applicator / Property Operator / Handlers**

ONSITE COMMUNICATION AND HAZARD COMMUNICATION <input checked="" type="checkbox"/> YES	MSDS AND LABELS FOR ALL PESTICIDES APPLIED ARE AVAILABLE ON-SITE <input checked="" type="checkbox"/> YES
DESCRIBE ANY INSTRUCTIONS ABOUT POST-APPLICATION ACTIVITIES THAT THE CERTIFIED APPLICATOR COMMUNICATED TO THE PROPERTY OPERATOR / OWNER AND/OR TO HANDLERS. INCLUDE THE NAME AND TELEPHONE NUMBER OF THE PROPERTY OPERATORS OR HANDLERS CONTACTED BY THE CERTIFIED APPLICATOR AND DATE CONTACTED. Grower emailed label and MSDS; 5 day REI; 48 hour Buffer Zone Restriction; 2 to 3 week planting interval	

**I. RESPIRATOR PROGRAM**

WRITTEN RESPIRATOR PROGRAM DOCUMENT IS: <input type="checkbox"/> ATTACHED <input checked="" type="checkbox"/> ON FILE AT BUSINESS HEADQUARTERS*	
*BUSINESS HEADQUARTERS ADDRESS (Number and Street, City, State, Zip Code) PO BOX 1909, WOODLAND, WA 98674	TELEPHONE NUMBER (In) 360-225-3588

**FUMIGANT MANAGEMENT PLAN  
(FIELD FUMIGATION) RFS# T8010**

PAGE 3 OF 6

**J. SOIL CONDITIONS (immediately prior to application)**

SOIL MOISTURE / DEPTH	SOIL MOISTURE METHOD USED	SOIL TEXTURE	SOIL TEMPERATURE °F / DEPTH	
good	USDA feel/appearance	Bornstedt silt loam	67	DAY 1
SOIL MOISTURE / DEPTH	SOIL MOISTURE METHOD USED	SOIL TEXTURE	SOIL TEMPERATURE °F / DEPTH	DAY 2
	USDA feel/appearance			
SOIL MOISTURE / DEPTH	SOIL MOISTURE METHOD USED	SOIL TEXTURE	SOIL TEMPERATURE °F / DEPTH	DAY 3
	USDA feel/appearance			
SOIL MOISTURE / DEPTH	SOIL MOISTURE METHOD USED	SOIL TEXTURE	SOIL TEMPERATURE °F / DEPTH	DAY 4
	USDA feel/appearance			
SOIL MOISTURE / DEPTH	SOIL MOISTURE METHOD USED	SOIL TEXTURE	SOIL TEMPERATURE °F / DEPTH	DAY 5
	USDA feel/appearance			

**K. Tarp Plan** ☐ CHECK IF TARPS ARE NOT USED

TARP TYPE (Mark as applicable)

☐ HIGH BARRIER  
☐ HIGH DENSITY POLYETHYLENE (HDPE)  
☒ TOTALLY IMPERMEABLE (TIF)  
☐ OTHER (Specify) \_\_\_\_\_  
☐ VIRTUALLY IMPERMEABLE (VIF)  
☐ SEMI-VIRTUALLY IMPERMEABLE (SIF)

TARP MANUFACTURER AND BRAND NAME **RAVEN** LOT NUMBER **87655** THICKNESS **1 mil**

TARP REPAIRS BY **Trident AG and grower handlers** TARP CHECK SCHEDULE **0 to 36 hours**

MINIMUM SIZE OF DAMAGE TO BE REPAIRED **6"**

Factors that determine when tarp will be repaired will be based on: the hazard to the public (residents or workers), proximity to occupied structure, size of the damaged area, timing of the damage relative to the time of injection, feasibility of the repair and environmental factors such as wind speed and direction.

PERSON RESPONSIBLE FOR CUTTING TARPS <b>Don Ekstrom/Ekstrom Nursery</b>	TARP CUTTING SCHEDULE / TARGET DATE <b>6-15-16</b>
TARP CUTTING METHOD <b>mechanical</b>	
PERSON RESPONSIBLE FOR REMOVING TARPS <b>Don Ekstrom/Ekstrom Nursery</b>	TARP REMOVAL SCHEDULE / TARGET DATE <b>6-16-16</b>
TARP REMOVAL METHOD <b>mechanical</b>	

**L. Buffer Zone Information**

BUFFER ZONE DISTANCE **25'** CREDITS APPLIED **TIF 60%**

MEASUREMENTS TAKEN TO SUPPORT THE CREDITS (If applicable)

ARE THERE AREAS IN THE BUFFER ZONE THAT ARE NOT UNDER THE CONTROL OF THE APPLICATION BLOCK? ☐ YES ☒ NO  
IF YES ATTACH A DESCRIPTION OR MAP OF THE AREAS, AND ATTACH THE WRITTEN AGREEMENT(S) FROM THE OWNERS / OPERATORS OF THOSE AREAS.

**M. Posting Fumigant-Treated Area**

PERSON(S) POSTING AND REMOVING SIGNS Posting: <b>Dave Sbur</b> Removing: <b>Don Ekstrom/Ekstrom Nursery</b>		POSTING CONFORMS TO LABEL <input checked="" type="checkbox"/> YES
DATE OF POSTING <b>6-1-16</b>	DATE OF REMOVAL <b>at tarp removal</b>	LOCATION OF TREATED AREA SIGNS <b>see map</b>



**FUMIGANT MANAGEMENT PLAN  
(FIELD FUMIGATION) RFS# T8010**

PAGE 4 OF 6

**N. Posting Buffer Zone**

PERSON(S) POSTING AND REMOVING SIGNS

Posting: Dave Sbur

Removing: Don Ekstrom/Ekstrom Nursery

POSTING CONFORMS TO LABEL

☒ YES

DATE OF POSTING

6-1-16

DATE OF REMOVAL

at tarp removal

LOCATION OF BUFFER ZONE SIGNS

see map

**O. Air Monitoring Plan**

WHEN AIR MONITORING IS REQUIRED, DIRECT READ DETECTION MONITORING DEVICE TO BE USED:

☒ DRAEGER

☐ MATTHESON-KITAGAWA

☐ SENSIDYNE

☐ OTHER

WHEN SENSORY IRRITATION IS EXPERIENCED, OPERATIONS WILL:

☐ CEASE, PERSONNEL WILL BE WITHDRAWN FROM THE SITE

☒ CONTINUE WITH HANDLERS WEARING AIR-PURIFYING RESPIRATORS: Handlers can remove APRs or resume operations if two consecutive breathing-zone samples taken at the handling site at 15 minutes apart show that levels of MeBr have decreased to less than 1 ppm and chloropicrin have decreased to less than .15 ppm, provided that handlers do not experience sensory irritation. NOTE: Applications must cease for all handlers if the breathing zone sample is greater than 5 ppm for Mebr and breathing zone sample is greater than or equal to 1.5 ppm for chloropicrin.

WHEN NECESSARY, AIR MONITORING WILL BE PERFORMED BY Dave Sbur

(Address and telephone number available on the file at the business)

WHEN NECESSARY, THE FOLLOWING REPRESENTATIVE HANDLER TASKS WILL BE MONITORED

Application, Connecting and disconnecting cylinders, Loading and off-loading bulk material, Shoveling, Monitoring

THE TIMING OF THE MONITORING THAT WILL BE PERFORMED IS AS FOLLOWS

At 15 minute intervals until two sequential samples have no detectable fumigant levels.

**P. Emergency Preparedness and Response Measures**

☒ CHECK HERE IF NOT APPLICABLE

IF EMERGENCY PREPAREDNESS AND RESPONSE MEASURES ARE REQUIRED, CHOOSE ONE OF THE TWO FOLLOWING OPTIONS:

☐ OPTION 1: FUMIGANT SITE MONITORING (If applicable)

NAME OF PERSON MONITORING

METHOD OF MONITORING:

☐ SENSORY IRRITATION

☐ MECHANICAL DEVICE (Required for methyl bromide formulations with less than 20% chloropicrin)

LOCATIONS AND TIMES MONITORING WILL BE PERFORMED:

- Readings will be taken outside of respiratory protection equipment and within a 10 inch radius of the handler's face (breathing zone) and must be collected at least once every hour
- Readings will be recorded on the FMP

☐ OPTION 2: RESPONSE INFORMATION FOR NEIGHBORS (If applicable)

NAME OF PERSON PROVIDING THE INFORMATION

TELEPHONE NUMBER OF PERSON PROVIDING THE INFORMATION (include Area Code)

PROVIDE LIST OF RESIDENCES AND BUSINESSES INFORMED

**Q. Difficult to Evacuate Sites**

DIFFICULT TO EVACUATE SITES INCLUDE: PRE-K TO GRADE 12 SCHOOLS, STATE LICENSED DAY CARE CENTERS, NURSING HOMES, ASSISTED LIVING FACILITIES, HOSPITALS, IN-PATIENT CLINICS AND PRISONS. CHECK ALL THAT APPLY:

☐ WITHIN 1/8 MILE

☐ WITHIN 1/4 MILE

☐ SHOWN ON MAP

☒ NOT APPLICABLE



**R. Other Good Agricultural Practices**

DESCRIPTION OF ALL OTHER APPLICABLE GOOD AGRICULTURAL PRACTICES (GAPs)- (SEE LABEL FOR COMPLETE LIST OF MANDATED GOOD AGRICULTURAL PRACTICES (GAPs))

**Application Timing:** Apply fumigant at any time of the year when soil conditions permit. Conditions that allow rapid diffusion of the fumigant as a gas through the soil normally give the best results. Because the fumigant does not provide residual control of soil pests, use it as a preplant application before planting each crop. **Tarps (when tarps are used in applications of the fumigant)** A written tarp plan must be developed and included in the FMP. Once a tarp is perforated, the application is no longer considered tarped. Tarps must be installed immediately after the fumigant is applied to the soil. **Weather Conditions:** To determine if unfavorable weather conditions exist or are predicted (see *Identifying unfavorable Weather Conditions* section) and whether an application should proceed, the National Weather Service weather forecast must be checked by the certified applicator supervising the application: on the day of, but prior to the start of, the application, and on a daily basis during the application if the time period from the start of the application until the application is complete is greater than 24 hours. Do not apply if an air stagnation advisory issued by the National Weather Service is in effect for the area in which the application is planned, during the application, or the 48 hours after the application is complete. Do not apply if light wind conditions (<2 mph) are forecast to persist for more than 18 consecutive hours from the time the application starts until 48 hours after the application is complete. Detailed National Weather Service forecasts for local weather conditions, wind speed, and air stagnation advisories may be obtained on-line at <http://www.nws.noaa.gov>, on NOAA weather radio, or by contacting your local National Weather Service Forecasting Office. **Identifying Unfavorable Weather Conditions:** Unfavorable weather conditions block upward movement of air, which results in trapping fumigant vapors near the ground. The resulting air mass can move off site in unpredictable directions. These conditions typically exist within an hour prior to sunset and continue past sunrise and may persist as late as noontime. Unfavorable conditions are common on nights with limited cloud cover and light to no wind and their presence can be indicated by ground fog or smog and can also be identified by smoke from a ground source that flattens out below a ceiling layer and moves laterally in a concentrated cloud. **Soil Preparation:** Soil must be in good tilth and free of large clods. Large clods can prevent effective soil sealing and reduce effectiveness of the application. If subsurface soil compaction layers (hardpans) are present within the intended fumigation treatment zone, a deep tillage to fracture these layers must occur prior to or during the soil fumigant application. Plant residue that is present must not interfere with the application or the soil seal. Non-decomposed plant material may harbor pests that will not be controlled by fumigation. Crop residue that is present must lie flat to permit the soil to be sealed effectively and limit the natural "chimneys" that may occur in the soil when plant residue is present. These "chimneys" allow the soil fumigants to move through the soil quickly and escape into the atmosphere. This may create potentially harmful conditions for workers and bystanders and limits the efficacy of the fumigant. Plant residue on the field serves to prevent soil erosion from both wind and water. Trash pulled by the shanks to the ends of the field must be covered with tarp, or soil, depending on the application method before making the turn for the next pass. **Soil Temperature:** The minimum soil temperature at the depth of injection is 40°F. The maximum soil temperature at the depth of injection must not exceed 90°F at the beginning of the application. If air temperatures have been above 100°F in any of the three days prior to the start of the application, then soil temperature must be measured and recorded in the FMP. Record temperature measurements at the application depth or 12 inches, whichever is shallower. **Soil Sealing: Broadcast Untarped Applications:** Use a disc or similar equipment to uniformly mix the soil to at least a depth of 4 to 6 inches to eliminate the chisel or plow traces. Following elimination of the chisel trace, the soil surface must be compacted with a cultipacker, ring roller, and roller in combination with tillage equipment. When using equipment similar to the Yetter applicator (chisel trace disruption and soil sealing are done with one implement), additional tillage and compaction are not required. **Bedded Applications:** Preformed beds must be sealed by disruption of the chisel trace using press sealers, bed shapers, cultipackers, or by reshaping (e.g., relisting, lifting and replacing) the beds immediately following injection. Beds formed at the time of application must be sealed by disrupting the chisel trace using press sealers or bed shapers. When bedding, prebedders such as ripper hipers, hillers, or other prebedders may be used to disrupt the chisel trace and seal the soil. When using equipment similar to the Yetter applicator (chisel trace disruption and soil sealing are done with one implement), additional tillage and compaction are not required. Beds may be formed following the Yetter-type applicator in a normal interval consistent to area production practices. **Tarped Applications:** The use of a tarp does not eliminate the need to minimize chisel traces prior to application of the tarp, such as by using a Nobel plow or other injection shank that disrupts the chisel traces. When bedding, prebedders such as ripper hipers, hillers, or other prebedders may be used to disrupt the chisel trace and seal the soil. When using equipment similar to the Yetter applicator (chisel trace disruption and soil sealing are done with one implement), additional tillage and compaction are not required. Beds may be formed following the Yetter-type applicator in a normal interval consistent to area production practices. **Soil Moisture:** The soil must be moist 9 inches below the surface. The amount of moisture needed in this zone will vary according to soil type. Surface soil generally dries rapidly and must not be considered in this determination. Soil moisture must be determined using one of the following methods: the USDA Feel and Appearance Method for testing (see below), or an instrument, such as a tensiometer. Available water capacity must be equal to or greater than 50% for shank applications. If there is less than 50% available water capacity 9 inches below the surface, the soil moisture must be adjusted. If irrigation is not available and there is adequate soil moisture below 9 inches, soil moisture can be adjusted by disking or plowing before the start of the application. To conserve existing soil moisture, pretreatment irrigation or pretreatment tillage should be done as close to the start of the application as possible. Measure soil moisture at a depth of 9 inches at either end of the field, no more than 48 hours prior to the start of the application. The USDA Feel and Appearance Method for estimating soil moisture as appropriate for the soil texture: for **coarse** textured soils (fine sand and loamy fine sand), the soil is moist enough (50 to 75% available water capacity) to form a weak ball with loose and clustered sand grains on fingers, darkened color, moderate water staining on fingers, will not ribbon. For **moderately coarse** textured soils (sandy loam and fine sandy loam), the soil is moist enough (50 to 75% available water capacity), to form a ball with defined finger marks, very light soil/water staining on fingers, darkened color will not stick. For **medium** textured soils (sandy clay loam, loam, and silt loam), the soil is moist enough (50 to 75% available water capacity), to form a ball, very light staining on fingers, darkened color, pliable, and forms a weak ribbon between the thumb and forefinger. For **fine** textured soils (clay, clay loam, and silty clay loam), the soil is moist enough (50 to 75% available water capacity), to form a smooth ball with defined finger marks, light soil/water staining on fingers, ribbons between thumb and forefinger. For **fields with more than one soil texture**, soil moisture content in the lightest textured (most sandy) areas must comply with this soil moisture requirement. Whenever possible, the field should be divided into areas of similar soil texture and the soil moisture of each area should be adjusted as needed. Coarser textured soils can be fumigated under conditions of higher soil moisture than finer textured soils; however, if the soil moisture is too high, fumigant movement will be retarded and effectiveness of the treatment will be reduced. Previous and/or local experience with the soil to be treated or the crop to be planted can often serve as a guide to conditions that will be acceptable. If there is uncertainty in determining the soil moisture content of the area to be treated, a local extension service agent, soil conservationist, or pest control advisor (agriculture consultant) should be consulted for assistance. **Application Depth: Tarped Broadcast Applications:** The injection point must be a minimum of 8 inches from the nearest final soil/air interface. **Tarped and Untarped Bedded Applications:** The injection point must be a minimum of 12 inches from the nearest final soil/air interface. **Untarped Broadcast Applications:** The injection point must be a minimum of 12 inches from the nearest final soil/air interface. When using the Nobel plow for untarped broadcast applications, the injection point must be a minimum of 15 inches from the nearest final soil/air interface. **Untarped Broadcast Deep Applications:** The injection point must be a minimum of 18 inches from the nearest final soil/air interface. **Application Methods and Equipment: Broadcast Applications:** Use chisel (shank) or coulter (e.g., Yetter 30-inch Avenger), offset wing shank, Nobel (sweep) plow, or plow-sole application equipment. For best results when using chisel equipment, use ripper-type, forward-swept shanks. Nobel plow equipment is particularly useful for fall fumigation when the soil still contains some standing undecomposed plant material. Subsoiling may be necessary before application. Choose application equipment that allows the deepest application and best soil seal under existing conditions. When broadcast applying the fumigant in areas east of the Mississippi River, leave the soil undisturbed and unplanted for at least 14 days after application. For best disease control when broadcast applying the fumigant, use a supplemental application of chloropicrin in-bed at labeled rates, leaving the soil undisturbed for at least 7 days before applying chloropicrin. In either case, follow the most restricted soil fumigation interval guideline of both products before planting the crop. Allow all of the fumigant to dissipate completely before planting the crop. Do not plant if the fumigant is detected. The fumigant outlet spacing varies with the type of application equipment used. With chisel and coulter equipment, a fumigant shank spacing of 12 to 24 inches is recommended. Do not exceed the maximum shank and outlet spacing of 24 inches. The outlet spacing for this equipment may be up to 1 1/2 times the application depth but generally should be equal to the application depth and should not exceed the soil shattering capability of the chisels. With plow-sole equipment, a 12-inch outlet spacing is recommended. Do not exceed an outlet spacing of 18 inches. With Nobel (sweep) plow equipment, use an outlet spacing of 9 to 12 inches along the sweeps. Broadcast application can be made in the same direction or at an angle to the direction of row planting. **Bedded Application (for Row Spacing Greater Than 24 Inches):** Use chisel equipment to treat a band of soil where the crop is to be planted, i.e., the plant row. When multiple chisels per plant row are used, space the chisels (fumigant outlets) no more than 12 inches apart. Vegetables east of the Mississippi River are made at a 12-inch depth or greater prior to vegetable bed formation (e.g., Yetter prebedder or ripper). Application of chloropicrin in-bed at bed formation is recommended when disease or weed control is a concern. When applications are made in-bed, ensure thorough fumigation. The knives/coulters should not be placed greater than 12 inches apart. With certain deeper rooted crops such as potatoes and sugarbeets, higher row rates may be necessary to ensure adequate treatment of the zone of soil where primary root growth occurs. Refer to OSHA 29 CFR Part 1910.146.



DESCRIPTION OF MEASUREMENTS AND DOCUMENTATION ENSURING THAT GAPS ARE ACHIEVED

All fields will be checked periodically over several days preceding any fumigation to ensure that the soil is being prepared properly. Weather forecasts will be monitored to determine if weather conditions are favorable. On the day of fumigation, the current weather conditions and soil conditions will be checked before starting fumigation. Application equipment will be inspected prior to application.

**S. Other Requirements**

RECORD ALL OTHER INFORMATION REQUIRED IN PRODUCT-SPECIFIC FUMIGANT MANAGEMENT PLAN LABELING

**T. Attachments**

- ☒ SITE MAP, AERIAL PHOTOGRAPH, OR DETAILED SKETCH
- ☒ AUTHORIZED ON-SITE PERSONNEL
- ☒ WEATHER FORECAST
- ☐ WRITTEN AGREEMENT(S), IF THE BUFFER ZONE EXTENDS ONTO LAND NOT UNDER THE CONTROL OF THE OWNER OF THE APPLICATION BLOCK (if applicable)
- ☐ COPY OF EMERGENCY PREPAREDNESS AND RESPONSE INFORMATION FOR NEIGHBORS (if applicable)
- ☒ FIELD FUMIGATION APPLICATION RECORD
- ☒ POST APPLICATION SUMMARY
- ☒ OTHER (LIST) qps form

*I verify the information provided in this Fumigant Management Plan and its attachments accurately reflect the actual conditions associated with this application. I certify that I will maintain this record and make it available for inspection for two years from the date of the application.*

6-1-16

SIGNATURE OF CERTIFIED APPLICATOR SUPERVISING APPLICATION - DAY 1

DATE

SIGNATURE OF CERTIFIED APPLICATOR SUPERVISING APPLICATION - DAY 2

DATE

SIGNATURE OF CERTIFIED APPLICATOR SUPERVISING APPLICATION - DAY 3

DATE

SIGNATURE OF CERTIFIED APPLICATOR SUPERVISING APPLICATION - DAY 4

DATE

SIGNATURE OF CERTIFIED APPLICATOR SUPERVISING APPLICATION - DAY 5

DATE

**TRIDENT**  
AG Products

(MB/Pic) TAP 2016

**Trident Agricultural Products, Inc.**  
**Methyl Bromide Quarantine and Preshipment Applications**

Requirements Acknowledgement Certification  
Commodity Owner, Grower, and/or Applicator Record  
(All sections must be completed)

**Commodity Owner, Grower, Shipper or Agent Identification**

Name: Don Ekstrom/Ekstrom Nursery  
Address: 1600 SE 282nd Ave  
Gresham, OR 97080

Phone: 503-539-3076c  
Fax: \_\_\_\_\_  
e-mail: \_\_\_\_\_

**Application Information**

Applicator/Distributor: Trident Agricultural Products, Inc.  
P.O. Box 1909  
Woodland, WA 98674

Phone: 360-225-3588  
Fax: 360-225-1126  
e-mail: tridentag@aol.com

Type of application: ☒ Quarantine ☐ Preshipment  
Category: ☐ Commodity ☐ Commodity Treated \_\_\_\_\_  
☒ Soil ☐ Crop Grown ornamentals  
Estimated Application Date(s) 6-1-16

The applicable citation that supports this application treatment is: (record the local, state or federal regulation/notice/official control that requires treatment of the commodity to prevent the spread of quarantine pests or requires preshipment treatments) **Citation of treatment/official control**  
verticillium, fusarium, pythium, phytophthora, nutsedge

**Requirements Acknowledgement Certification**

I certify knowledge of the requirements associated with the exempted quarantine and preshipment applications published in 40 CFR part 82, including the requirement that his document cite the treatments or official controls for quarantine applications or the official requirements for preshipment applications.

- Quarantine applications are treatments to prevent the introduction, establishment and/or spread of quarantine pests (including diseases), or to ensure their official control, where:
  - a. Official control is that performed by, or authorized by, a national plant, animal, environmental protections, or health authority;
  - b. Quarantine pests are pests of potential importance of the areas endangered hereby and not yet present there, or present but not widely distributed and being officially controlled.
- Preshipment applications are those non-quarantine applications applied within 21 days prior to export to meet the official requirements of the importing country of the existing official requirements of the exporting country. Official requirements are those, which are performed by, or authorized by, a national, plant, animal, environmental, health, or stored product authority.

Signed: \_\_\_\_\_ Date: 6-1-16 Print Name: \_\_\_\_\_  
Commodity Owner, Grower, Shipper, or Agent

Signed: \_\_\_\_\_ Date: 6-1-16 Print Name: Dave Sbur  
Certified Applicator

**NOTICE:** This document must be kept on file at the commodity owner's location for 3 years after application. A copy of this document must also be provided to the Certified Applicator/Applicator Company and kept on file in their records for 3 years.



## Ornamentals

### Crop: Ornamental & Tree Fruit Nurseries

#### Intra state

- OR a. 603.52.1200 – Quarantine of Noxious Weeds. Lists noxious weeds that are prohibited from transport or sale. Examples include: yellow nut sedge, quack grass, Canada thistle. . .
- b. 571.200 (1) (a) – No person shall knowingly offer to sell nursery stock that is infected (disease, nematodes, etc.) or infested (noxious weeds).
- c. USDA. Aphis. Summary of exterior quarantines. General shipping requirements within Oregon and originating from other states, nursery stock must be free of pests, diseases, and noxious weeds.”
- WA a. RCW 15.13.390 – Unlawful selling or shipment of plants within Washington unless it meets standards established in rule for freedom from infestation by plant pests.
- b. RCW 15.08.030 – Duty to disinfect, destroy. It is the duty of every owner to use sufficient methods of prevention to keep properties free from infection by pests or disease.
- c. RCW 17.24.081 – Prohibited Acts. Unlawful to sell . . . distribute a noxious weed or plant infested or infected with a plant pest declared by rule to be a threat to the states forest or agriculture.

#### Interstate-All States

Letter EPA, June 8, 2003 to Mitch Dubensky, “EPA believes that the 50 state nursery stock regulations are directed at quarantine pests and constitute an official control for the purposes of the quarantine exemption as it applies to propagative material under the final rule published in the Federal Register on January 2, 2003 (68FL238).

- CA a. Sections 3055 to 3055.6 and Section 3640. Specifies soil treatment and handling procedures to ensure nematode cleanliness of both field and container grown nursery stock. Section 3640 makes it mandatory that nursery stock for farm planting be clean with respect to economically important nematode.
- b. USDA. Aphis. Summary of Exterior Quarantines. Imports from other states must pass quarantine requirements. Nursery stock shipments must be free of pests, diseases, weeds, and/or weed seeds. . . Noxious weed include Canada thistle, bindweed, yellow nut sedge, wild garlic, quackgrass.
- CO a. Section 26-3.1. All nursery stock shall be free of insect pests and plant diseases.
- b. USDA. Aphis. Summary of Exterior Quarantines. Each shipment moving into Colorado must bear a valid inspection certificate of the state of origin.
- ID a. 22-2003. The purpose of this chapter is to prevent the introduction and dissemination of plant pests into Idaho through the movement of nursery stock and other plants. . .
- b. 22-2320. Imported nursery stock must be accompanied by a certificate from the place of origin, signed by an authorized agent . . . responsible for carrying out the nursery . . . stock laws of such originating state.
- c. USDA. Aphis. Summary of Exterior Quarantines. All incoming nursery stock must be accompanied by a signed inspection certificate from an authorized issuing agency. “Certificate” means a document . . . that verifies . . . regulated article meets Phytosanitary, quarantine, pest freedom requirements (22-2005 (7)).
- NV a. NRS 555.248. Any nursery stock brought into this state which the Director or inspecting officer finds or has reasonable cause to believe to be infested or infected with any pest must be destroyed immediately.....
- b. USDA. Aphis. Summary of Plant Protection Regulations. Nursery stock may enter the state of Nevada if accompanied by a certification of inspection issued by an authorized official ..... found free from injurious insect pests, plant diseases, and noxious weeds.
- PA a. Section 17a. It is unlawful to transport or cause to be transported plants into this Commonwealth for other states.... unless accompanied by a valid certificate.
- b. Section 119.3. A certificate of inspection will be given to the collector of native nursery stock movement and sale of each shipment of collected plants found to be free from plant pests.
- c. USDA. Aphis. Summary of Plant Protection Regulations. All nursery stock shipped into Pennsylvania ..... nursery stock is free from plant pests.
- NY a. S 163.2b. All nursery stock shipped into this state ..... had been found to be apparently free from all injurious insects or plant diseases.
- b. USDA. Aphis. Summary of Plant Protection Regulations. Any nursery stock shipped into New York must have an unexpired certificate ..... signifying that the contents appear to be free from all injurious plant pests.
- OH a. Section 927.61 . . . inspected and found to be apparently free from injurious pests.
- b. Section 927.66 A. Nursery stock which is shipped into this state from another state or country, shall have attached there to a tag or poster bearing a facsimile copy of a valid state or federal certificate of inspection.
- c. USDA. Aphis. Summary of Plant Protection Regulations. Any nursery stock shipped into Ohio must be accompanied by a tag or poster bearing an exact copy of a valid license of certificate of inspection and be free of plant pests.
- CT a. Section 22-96. All nursery stock – shipped into this state shall bear on each package a certificate that the contents appear free from all dangerous insects and diseases.
- b. USDA. Aphis. Summary of Exterior Quarantines. All shipments into Connecticut shall bear on each package a certificate stating that all the contents of each package have been inspected by an authorized official and found apparently free of injurious insects and diseases.
- NJ a. Statute 4:7-30. All nursery stock shipped into this state..... found free from dangerously injurious insects.
- b. USDA. Aphis. Summary of Plant Protection Regulations. All nursery stock shipped into New Jersey ..... that the stock was found to be free of dangerously injurious plant pests.
- GA a. Code section 2-7-26 G. The introduction into this state of any insect injurious to plants in any stage of d specimen of any disease injurious to plants . . . is prohibited.
- b. USDA. Aphis. Summary of Plant Protection Regulations. Each shipment of plant material into Georgia ..... Nursery Certificate..... indicating that the plant material was inspected and found to be apparently free of insects and diseases.

## Ornamentals

- IL a. Section 90/11. It shall be unlawful for any person to bring or cause to be brought into this State any nursery stock ..... a certificate of inspection of the proper official of the state,...., showing that such nursery stock was found or believed to be free from insect pests and plant diseases.  
b. USDA. Aphis. Summary of Plant Protection Regulations. Any nursery stock shipped into Illinois ..... showing that such nursery stock was found or believed to be free from insect pests and plant diseases.
- IA a. Section 21 – 46.7(177A). Any person desiring to ship nursery stock into Iowa shall, 46.7(2), have a valid copy of the certificate of inspection.  
b. Section 21 – 46.8(177A). Certificates will be issued only for stock found apparently free from insect pests and diseases.  
c. USDA. Aphis. Summary of Plant Protection Regulations. Any nursery stock shipped into Iowa must have a certificate of inspection stating that the articles have been inspected and found free from plant pests.
- KY a. Section 249.100. Trees, plants or plant parts, whether shipped, or transported into this state shall bear a copy of a certificate of inspection from a state or US government inspector.  
b. USDA. Aphis. Summary of Plant Protection Regulations. General Shipping requirements - trees, plants or plant parts, whether shipped, or transported into this state shall bear a copy of a certificate of inspection from a state or US government inspector.
- LA a. Section 113.B.1. No host materials may be transported into or within Louisiana unless a valid certificate permit is issued by the department or the state of origin accompanies each shipment; ....  
b. Section 115.B. Certificate permits and certificate permit tags for movement or sale of restricted materials will be issued whenever an inspection reveals that such materials are free of any infestation of the specific plant pest or disease subject to regulation.  
c. USDA. Aphis. Summary of Plant Protection Regulations. All nursery stock shipments entering Louisiana must be accompanied by a valid nursery certificate of inspection tag indicating that the stock is apparently free from especially injurious insect pests and plant diseases.
- MD a. Section 15.06.02.09. Nursery stock infested or infected with a dangerously injurious plant pest may be marked with a stop-sale tag indicating that it may not be sold or distributed.  
b. USDA. Aphis. Summary of Plant Protection Regulations. Each shipment of nursery stock moving into Maryland must be accompanied by a state of origin inspection certificate stating ..... and the nursery stock is apparently free of plant pests.
- MI a. 285.210. Every dealer . . . buying or selling nursery stock. . . will buy and sell only stock which has been inspected and certified.  
b. 286.215. It shall be unlawful . . . to bring into this state . . . any nursery stock unless . . . such stock is in a live and vigorous condition and of the grade specified, together with a certificate of inspection . . .  
c. 286.217. It shall be unlawful . . . to sell within this state any nursery stock unless such stock has been officially inspected and certified free from insect pests and plant diseases.  
d. 286.202. Plant diseases means fungi, bacteria, nematodes, and viruses.  
e. USDA. Aphis. Summary of Plant Protection Regulations. Any nursery stock sold or given away in this state shall bear an exact copy of the person's valid certificate of inspection.
- NC a. Section .1212. Every carload, box, package or other container of nursery stock originating outside North Carolina ..... that the nursery stock being moved has been inspected and certified as apparently free from injurious plants pests.  
b. USDA. Aphis. Summary of Plant Protection Regulations. Every carload, box, package or other container of nursery stock originating outside North Carolina ..... certified as apparently free from injurious plant pests.
- OK a. Section 3-32.4. Nursery stock shipped into Oklahoma shall have a certificate on each package stating that the contents were inspected by an authorized inspecting officer and that the contents appear free from plant pests.  
b. USDA. Aphis. Summary of Plant Protection Regulations. Each shipment of nursery stock entering Oklahoma must be accompanied by a valid nursery certificate.
- SC a. Section 27-160. H3. Each vehicle, package, box, bundle or container of nursery stock originating outside of South Carolina ..... inspected and certified by an authorized official as apparently free of injurious plant pests.  
b. USDA. Aphis. Summary of Plant Protection Regulations. All nursery stock shipments entering South Carolina ..... certificate tag must indicate that the plant material is apparently free of all plant pests.
- TN a. Section 0080-6-1-.02. No nursery stock shall be sold, offered for sale, or transported within or into the state of Tennessee unless it shall have been inspected ..... and to be apparently free of insect pests and plant diseases.  
b. USDA. Aphis. Summary of Plant Protection Regulations. Each bundle package or container of nursery stock shipped or transported into Tennessee .... has been appropriately inspected and found to be apparently free of insects and plant diseases.
- TX a. Section 71.051, b2. A certificate of inspection from another state must show that the nursery product or florist item is apparently free from dangerous insect pests or contagious diseases.....  
b. USDA. Aphis. Summary of Plant Protection Regulations. Regulated products shipped from other states must be certified free of all regulated pests and diseases.....
- UT a. 4-15-8. Transport of out of state nursery stock to Utah. Nursery stock originating outside and imported into . . . has been inspected and certified free from plant pests and disease.  
b. 4-15-10. Infested or diseased plant stock not to be offered for sale.  
c. USDA. Aphis. Summary of Exterior Quarantines. Out of state nurseries must deliver a certified certificate of inspection . . . and certified free from plant pests and disease.

### Federal Quarantine for P. Ramorum (7CFR 301.92)

### Oregon Quarantine for P. Ramorum 603-052-1230 and 603-052-1250

### Import Requirements CANADA

- a. Washington - Origin. Phytosanitary requirements. Columbia root knot nematode.  
b. Oregon – Origin. Phytosanitary requirements. Phytophthora ramorum (S.O.D.), Columbia root knot nematode.

**AUTHORIZED PERSONNEL**  
**(FIELD FUMIGATION)**  
**RSF# T8010**

Trident Ag Products, Inc.  
P.O. Box 1909 Woodland, WA 98674  
(360) 225-3588

Attach to Fumigation Management Plan

Page 1 of 2

- ☒ ADDRESSES AND TELEPHONE NUMBERS OF HANDLERS AND EMPLOYERS AVAILABLE ON FILE  
☒ HANDLER RESPIRATORY INFORMATION AND QUALIFICATIONS AVAILABLE ON FILE  
☒ TRAINING RECORDS FOR HANDLERS AVAILABLE ON FILE - FUMIGANT TRAINING LOCATION (TAP PERSONNEL): WOODLAND, WA

ON-SITE	EMP ID #	HANDLER NAME, ADDRESS AND TELEPHONE #	LICENSE NO.	TASKS (SEE DEF. BELOW)	Respirator Info
<input checked="" type="checkbox"/>	41	Dave Sbur 216 W 37 <sup>th</sup> Street Vancouver, Wa 98660 971-563-8848	WA-57982 OR-1692 ID - 48776	1 Supervisor	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 1/8/16 Fumigant Training date: 1/7/16 Med. Date: 11/6/06
<input type="checkbox"/>	2	Jeff Fowler 2024 SW Vacuna St Portland, Or 97219 971-563-9621	WA-47499 OR-71518 ID - 48533	Supervisor	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 1/8/16 Fumigant Training date: 1/7/16 Med. Date: 3/15/06
<input type="checkbox"/>	43	Rigo Arce 509 Robinson Road Woodland, Wa 98674 360-772-2902	WA-75420 OR-3889 ID - 49471	Applicator	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 1/8/16 Fumigant Training date: 1/7/16 Med. Date: 10/1/07
<input checked="" type="checkbox"/>	48	Paul Elizondo Jr 2199 Salmon Steet Woodland, Wa 98674 360-772-2715	WA-77770 OR-1008031 ID - 50477	1 Applicator	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 1/8/16 Fumigant Training date: 1/7/16 Med. Date: 1/23/09
<input type="checkbox"/>	11	Carlos Santos 17709 NE Couch Portland, Or 97230 360-772-2866	WA-55540 OR-144845 ID - 48829	Applicator	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 1/8/16 Fumigant Training date: 1/7/16 Med. Date: 3/16/06
<input type="checkbox"/>	1	Mike Conway 10700 Oxbow Ridge Ct Vancouver, Wa 98685 360-772-2527	WA-36206 OR-0000961 ID - 48820	Supervisor	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: Fumigant Training date: Med. Date:
<input type="checkbox"/>					Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: Fumigant Training date: Med. Date:
<input type="checkbox"/>					

**Task Handlers are Trained and Authorized to Perform (definition of tasks)**

**Supervisors:** Supervise application personnel, communicate application requirements with the farm manager or owner prior to fumigation, check that application quality meets label requirements, fill out the FMP and document the fumigation, take air samples when necessary, assist in all aspects of the application where necessary, posting and sign removal as detailed in the FMP. Wears proper PPE for various tasks.

**Applicators:** Responsible for the application of soil fumigants and all tasks associated with liquid contact potential including loading and transfer of product, operation of application equipment, cleaning, handling, adjusting, or repairing equipment in field. Assist Supervisor checking application parameters such as depth, sealing, and calibration. Handling and/or disposing of fumigant containers. Wears proper PPE for various tasks.

**Co-Pilots:** Assists applicator with application of soil fumigants and all tasks associated with liquid contact potential including loading of product; cleaning, handling, adjusting, or repairing equipment in field. Wears proper PPE for various tasks.

**Shovel Labor:** Assists tarp applications by securing ends of the tarp with soil in the application block. Wears proper PPE for various tasks.

**PPE CODES:**

- METHYL BROMIDE/CHLOROPICRIN mixtures:** Long-sleeved shirt, long pants, shoes, socks, 3M 6000 series full-face respirator with 60928 OV cartridge w/ prefilter when triggered. LIQUID CONTACT POTENTIAL: Long-sleeved shirt, long pants, CR footwear w/ socks, CR gloves, CR apron, 3M 6000 series full-face respirator with 60928 OV cartridge w/ prefilter when triggered.
- CHLOROPICRIN:** Long-sleeved shirt, long pants, shoes, socks, safety glasses, full-face respirator with 60921 OV cartridge and prefilter when triggered. LIQUID CONTACT POTENTIAL: Long-sleeved shirt, long pants, CR footwear w/ socks, CR gloves, CR apron, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered.
- CHLOROPICRIN/1,3-DICHLOROPROPENE:** Long-sleeved shirt, long pants, shoes, socks, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered.
- 1,3-DICHLOROPROPENE:** Long-sleeved shirt, long pants, shoes, socks, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered.

Page 64  
K7419-030-17

ITAL:

red



**AUTHORIZED PERSONNEL**  
**(FIELD FUMIGATION)**  
**RSF# T8010**

Trident Ag Products, Inc.  
P.O. Box 1909 Woodland, WA 98674  
(360) 225-3588

Attach to Fumigation Management Plan

Page 2 of 2

- ☒ ADDRESSES AND TELEPHONE NUMBERS OF HANDLERS AND EMPLOYERS AVAILABLE ON FILE  
☒ HANDLER RESPIRATORY INFORMATION AND QUALIFICATIONS AVAILABLE ON FILE  
☒ TRAINING RECORDS FOR HANDLERS AVAILABLE ON FILE - FUMIGANT TRAINING LOCATION (TAP PERSONNEL): WOODLAND, WA

ON-SITE	EMP ID #	HANDLER NAME, ADDRESS AND TELEPHONE #	LICENSE NO.	TASKS (SEE DEF. BELOW)	Respirator Info
<input type="checkbox"/>	46	Filiberto Jarquin 140 N Pekin Road Woodland, Wa 98674 360-225-9573		Co-Pilot	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 3/15/16 Fumigant Training date: 3/15/16 Med. Date 4/3/09
<input checked="" type="checkbox"/>	47	Isaac Mejia 646 Bozarth Ave Woodland, Wa 98674 360-560-2948		1 Co-Pilot	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 3/15/16 Fumigant Training date: 3/15/16 Med. Date 4/3/09
<input checked="" type="checkbox"/>	53	Hector Mejia 646 Bozarth Ave Woodland, Wa 98674 360-560-2948		1 Co-Pilot	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: 3/15/16 Fumigant Training date: 3/15/16 Med. Date 3/3/10
<input checked="" type="checkbox"/>		Customer Handler Training and PPE Requirements on file at customer's office. SEE BELOW FOR HANDLERS			Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: Fumigant Training date: Med. Date
<input checked="" type="checkbox"/>		Don Ekstrom Scott		1	Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: Fumigant Training date: Med. Date
<input type="checkbox"/>					Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: Fumigant Training date: Med. Date
<input type="checkbox"/>					Make/model: 3M 6800 Type/Style/Size: APR/Full/M Cartridge: 3M60928 & 3M60921 Cartridge Replacement: Per Label Fit Test date: Fumigant Training date: Med. Date
<input type="checkbox"/>					

**Task Handlers are Trained and Authorized to Perform (definition of tasks)**

**Supervisors:** Supervise application personnel, communicate application requirements with the farm manager or owner prior to fumigation, check that application quality meets label requirements, fill out the FMP and document the fumigation, take air samples when necessary, assist in all aspects of the application where necessary, posting and sign removal as detailed in the FMP. Wears proper PPE for various tasks.

**Applicators:** Responsible for the application of soil fumigants and all tasks associated with liquid contact potential including loading and transfer of product, operation of application equipment; cleaning, handling, adjusting, or repairing equipment in field. Assist Supervisor checking application parameters such as depth, sealing, and calibration. Handling and/or disposing of fumigant containers. Wears proper PPE for various tasks.

**Co-Pilots:** Assists applicator with application of soil fumigants and all tasks associated with liquid contact potential including loading of product; cleaning, handling, adjusting, or repairing equipment in field. Wears proper PPE for various tasks.

**Shovel Labor:** Assists tarp applications by securing ends of the tarp with soil in the application block. Wears proper PPE for various tasks.

**PPE CODES:**

1. **METHYL BROMIDE/CHLOROPICRIN mixtures:** Long-sleeved shirt, long pants, shoes, socks, 3M 6000 series full-face respirator with 60928 OV cartridge w/ prefilter when triggered. LIQUID CONTACT

POTENTIAL: Long-sleeved shirt, long pants, CR footwear w/ socks, CR gloves, CR apron, 3M 6000 series full-face respirator with 60928 OV cartridge w/ prefilter when triggered.

2. **CHLOROPICRIN:** Long-sleeved shirt, long pants, shoes, socks, safety glasses, full-face respirator with 60921 OV cartridge and prefilter when triggered. LIQUID CONTACT POTENTIAL: Long-sleeved shirt, long pants, CR footwear w/ socks, CR gloves, CR apron, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered.

3. **CHLOROPICRIN/1,3-DICHLOROPROPENE:** Long-sleeved shirt, long pants, shoes, socks, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered. LIQUID CONTACT POTENTIAL: Long-sleeved shirt, long pants, CR footwear w/ socks, CR gloves, CR apron, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered.

4. **1,3-DICHLOROPROPENE:** Long-sleeved shirt, long pants, shoes, socks, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered. LIQUID CONTACT POTENTIAL: Long-sleeved shirt, long pants, CR footwear w/ socks, CR gloves, CR apron, 3M 6000 full-face respirator with 60921 OV cartridge and prefilter when triggered.

Page 65  
K7419-030-17

ENTIAL:  
eved

**FIELD FUMIGATION  
DAILY APPLICATION RECORD**  
**RSF#** T8010

Trident Ag Products, Inc  
P.O. Box 1909 Woodland, WA 98674  
(360) 225-3588

Page 1 of 1

Attach to Fumigation Management Plan

[illegible]

RSF# T8010

**- Attach to Post-Application Summary -**

[illegible]



**POST APPLICATION SUMMARY**  
**(FIELD FUMIGATION) RSF #T8010**  
**- Attach to Fumigant Management Plan -**

Trident AG Products, Inc  
PO Box 1909 Woodland, WA 98674  
360-225-3588

PAGE 1 OF 2

**A. General Application Information**

DATE AND TIME OF APPLICATION 6-1-16 7:30AM	APPLICATION RATE 360#/ac Tricon 50/50 TIF	FIELD LOCATION/BLOCK NUMBER See maps
SITE IDENTIFICATION NUMBER See maps	SIZE OF APPLICATION BLOCK 3.9ac collectively	POUNDS OR GALLONS APPLIED 1404# Tricon 50/50

OPERATOR OF PROPERTY, NAME AND ADDRESS

Don Ekstrom/Ekstrom Nursery, 1600 SE 282<sup>nd</sup> Ave., Gresham, OR 97080

**B. Weather Conditions**

SUMMARY OF THE NATIONAL WEATHER SERVICE WEATHER FORECAST (INCLUDING WIND SPEED AND AIR STAGNATION ADVISORIES, IF APPLICABLE) DURING THE APPLICATION AND THE 48 HOURS AFTER THE APPLICATION IS COMPLETE. A PRINTED COPY MAY BE ATTACHED TO THE POST-APPLICATION SUMMARY.

☒ CHECK HERE IF PRINTED COPY IS ATTACHED TO THE POST-APPLICATION SUMMARY

IF PRINTED COPY IS NOT ATTACHED, THEN COMPLETE THIS SECTION

NATIONAL WEATHER SERVICE WEATHER FORECAST

WIND SPEED

AIR-STAGNATION ADVISORIES

**C. Tarp Perforation Removal – Tarp Used** ☒ YES ☐ NO

PERSON RESPONSIBLE FOR CUTTING TARP Don Ekstrom	TARP CUTTING METHOD Mechanical	DATE OF TARP CUTTING 6-27-16	TIME OF TARP CUTTING AM
PERSON RESPONSIBLE FOR TARP REMOVAL Don Ekstrom	TARP REMOVAL METHOD Mechanical	DATE OF TARP REMOVAL 6-28-16	TIME OF TARP REMOVAL AM

CONDITIONS THAT CAUSED EARLY PERFORATION AND/OR REMOVAL OF TARPS

**Tarp Repair** ☐ YES ☒ NO

LOCATION AND SIZE OF TARP DAMAGE	DATE OF TARP DAMAGE DISCOVERY
	DATE AND TIME OF TARP REPAIR(S)
DESCRIPTION OF ANY TARP / TARP SEAL / TARP EQUIPMENT FAILURE	

**POST APPLICATION SUMMARY**  
**(FIELD FUMIGATION) RSF #T8010**  
**- Attach to Fumigant Management Plan -**

Trident AG Products, Inc  
PO Box 1909 Woodland, WA 98674  
360-225-3588

PAGE 2 OF 2

**D. Application Air Monitoring Results**

WAS AIR MONITORING CONDUCTED WITHIN THE APPLICATION BLOCK?

☒ YES ☐ NO post fumigation pre-removal

WAS SENSORY IRRITATION EXPERIENCED BY A HANDLER?

☐ YES ☒ NO

LOCATION WHERE IRRITATION EXPERIENCED

HANDLER TASK / ACTIVITY

DATE AND TIME

ACTION TAKEN

WAS DIRECT-READ INSTRUMENT USED FOR AIR MONITORING? IF YES, ATTACH AIR MONITORING RESULTS REQUIRED BY LABELING.

☒ YES (Type Used) ☐ NO

**E. Drip Application Monitoring Results**

WAS THIS A DRIP IRRIGATION APPLICATION? IF YES, ATTACH DRIP APPLICATION MONITORING RESULTS BY LABELING.

☐ YES ☒ NO

**F. Posting**

TREATED AREA SIGNS REMOVED BY

Don Ekstrom

DATE OF TREATED AREA SIGN REMOVAL

6-28-16

BUFFER ZONE SIGNS REMOVED BY

Don Ekstrom

DATE OF BUFFER ZONE SIGN REMOVAL

6-28-16

**G. Deviations from the Fumigant Management Plan** ☐ YES ☒ NO

PROVIDE DESCRIPTION OF ANY DEVIATIONS

**H. Incidents** ☐ YES ☒ NO

DESCRIPTION OF INCIDENTS, EQUIPMENT FAILURE, OR OTHER EMERGENCY AND RESPONSE

**I. Complaints - Complaints Received** ☐ YES ☒ NO

TYPE OF PERSON FILING COMPLAINT (e.g. On-site handler, bystander)

NAME (If bystander)

BYSTANDER'S ADDRESS (Number and street, City, State, ZIP Code)

BYSTANDER'S TELEPHONE NUMBER (Include Area Code)

DESCRIPTION OF CONTROL MEASURES OR EMERGENCY PROCEDURES TAKEN (Continued)

**J. Attachments (List ALL Attachments)**

☒ WEATHER FORECAST ☐ MONITORING DURING APPLICATION ☐ MONITORING POST-APPLICATION ☐ AIR MONITORING

☐

OTHER

AIR SAMPLING AFTER CUTTING TIF

I verify that the information provided in this Post-Application Summary and its attachments accurately reflect the actual conditions associated with this application. I certify that I will maintain this record and make it available for inspection for two years from the date of the application.

SIGNATURE OF CERTIFIED APPLICATOR APPLICATION

DATE

**TRIDENT**  
AG Products

Revised 3-3-14

Page 69  
K7419-030-17

Date	TempHighF	TempAvgF	TempLowF	WindMaxMPH	WindAvgMPH	GustMaxMPH	PrecipSumIn
6/1/2016	78	65.8	51	4	1	0	0
6/2/2016	65	60	55	7	2	0	0
6/3/2016	87	69.5	53	3	1	0	0



## **Hazard Communication Plan**

The management of Ekstrom Nursery is committed to preventing accidents and ensuring the safety and health of our employees. We will comply with all applicable federal and state health and safety rules and provide a safe, healthful environment for all our employees. This written hazard communication plan is available at the following location for review by all employees: Ekstrom Nursery Office.

### **Identifying hazardous chemicals**

Notebooks compile all chemicals attached to this plan that identifies all hazardous chemicals with a potential for employee exposure at this workplace. Chemical specimen data and SDS sheets are located in notebooks on the book shelf in the office. Detailed information about the physical, health, and other hazards of each chemical is included in a Safety Data Sheet (SDS); the product identifier for each chemical on the list matches and can be easily cross-referenced with the product identifier on its label and on its Safety Data Sheet.

### **Identifying containers of hazardous chemicals**

All hazardous chemical containers used at this workplace will either have the original manufacturer's label --that includes a product identifier, an appropriate signal word, hazard statement(s), pictogram(s), precautionary statement(s) and the name, address, and telephone number of the chemical manufacturer, importer, or other responsible party -- OR a label with the appropriate label elements just described; OR workplace labeling that includes the product identifier and words, pictures, symbols, or combination that provide at least general information regarding the hazards of the chemicals.

Spray Manager will ensure that all containers are appropriately labeled. No container will be released for use until this information is verified. Workplace labels must be legible and in English. Information in other languages will be provided as needed at: Ekstrom Nursery office and shop location.

### **Keeping Safety Data Sheets (previously known as Material Safety Data Sheets)**

Safety Data Sheets are readily available to all employees during their work shifts. Employees can review Safety Data Sheets for all hazardous chemicals used at this workplace. Chemical specimen data and MSDS sheets are located in notebooks on the book shelf in the office.

The Safety Data Sheets are updated and managed by Spray Manager and Office Staff. If a Safety Data Sheet is not immediately available for a hazardous chemical, employees can obtain the required information by calling Office Staff.

## **Training employees about chemical hazards**

Before they start their jobs or are exposed to new hazardous chemicals, employees must attend a hazard communication training that covers the following topics:

- An overview of the requirements in Oregon OSHA's hazard communication rules.
- Hazardous chemicals present in their workplace.
- Any operations in their work area where hazardous chemicals are used.
- The location of the written hazard communication plan and where it may be reviewed.
- How to understand and use the information on labels and in Safety Data Sheets.
- Physical and health hazards of the chemicals in their work areas.
- Methods used to detect the presence or release of hazardous chemicals in the work area.
- Steps we have taken to prevent or reduce exposure to these chemicals.
- How employees can protect themselves from exposure to these hazardous chemicals through use of engineering controls/work practices and personal protective equipment.
- An explanation of any special labeling present in the workplace.
- Emergency procedures to follow if an employee is exposed to these chemicals.

General Manager or Production Manager is responsible to ensure that employees receive this training. After attending the training, employees will sign a form verifying that they understand the above topics and how the topics are related to our hazard communication plan.

All employees will be trained in general chemical protection protocols. Advance training will be made available to employees based on chemical use related to specific Ekstrom Nursery tasks.

## **Informing employees who do special tasks**

Before employees perform special (non-routine) tasks that may expose them to hazardous chemicals, their supervisors will inform them about the chemicals' hazards. Their supervisors also will inform them about how to control exposure and what to do in an emergency. The employer will evaluate the hazards of these tasks and provide appropriate controls including Personal Protective Equipment all additional training as required.

Examples of special tasks that may expose employees to hazardous chemicals include the following:  
Spraying and Fertilizing

## **Informing employees about hazardous chemicals in pipes**

This workplace follows the labeling requirements in OAR 437-002-0378 concerning the labeling of pipes. Before working in areas where hazardous chemicals are transferred through unlabeled pipes or where pipes are insulated with asbestos-containing material, employees will contact General Manager or Production Manager for the following information:

- The chemicals in the pipes.
- The physical or health hazards of the chemicals present.
- The safe work practices necessary to prevent exposure.

We are not aware of any asbestos-containing material at Ekstrom Nursery.

## **Informing contractors and other employers about our hazardous chemicals**

If employees of other employer(s) may be exposed to hazardous chemicals at our workplace (for example, employees of a construction contractor working on-site) It is the responsibility of General Manager or Production Manager to provide contractors and their employees with the following information:

- The identity of the chemicals, how to review our Safety Data Sheets, and an explanation of the container and pipe labeling system.
- Safe work practices to prevent exposure.

General Manager or Production Manager will also obtain a Safety Data Sheet for any hazardous chemical a contractor brings into the workplace.



## Plan de comunicación de riesgo

La gerencia de Ekstrom Nursery se compromete a la prevención de accidentes y a cerciorar la seguridad y salud de nuestros trabajadores. Cumpliremos con todas las correspondientes normas federales y estatales de seguridad e higiene y proporcionaremos un ambiente de trabajo seguro y saludable para todos nuestros trabajadores. Este programa escrito de comunicación de riesgo estará a disposición de todos los trabajadores para su revisión en el siguiente lugar: Ekstrom Nursery Oficina

**Etiquetado recipientes** Todos los recipientes de sustancias químicas peligrosas utilizados de los en este lugar de trabajo indicará claramente la sustancia en la etiqueta, incluyendo una advertencia de peligro, e indicará el nombre y la dirección del fabricante.

Ningún recipiente se librá para su uso hasta que estos datos se comprueben. [Nombre de la persona] cerciorará que todos los recipientes sin etiqueta se etiqueten con una copia de la etiqueta original del fabricante o una etiqueta que tenga la identificación y advertencia de peligro apropiada.

**Hojas de datos de seguridad de los materiales (HDSM) (MSDS en inglés)** Las hojas de datos de seguridad de los materiales están inmediatamente a disposición de todos los trabajadores. Los trabajadores puede revisar las hojas de datos de seguridad de los materiales para todas las sustancias peligrosas que se utilizan en este lugar de trabajo. [Indique el lugar del archivo si se archivan en papel. Explique como se pueden localizar si se almacenan electrónicamente.]

La hojas de datos de seguridad de los materiales se mantienen al corriente y son llevadas por [Nombre a la persona responsable que lleva las hojas de datos de seguridad de los materiales.] Si una hoja de datos de seguridad de los materiales no se encuentra para una sustancia química peligrosa, avise inmediatamente a [Nombre a la persona responsable que lleva las hojas de datos de seguridad de los materiales.]

**Educación y adiestramiento** Antes de iniciar sus labores, los trabajadores nuevos asistirán a una clase de adiestramiento de comunicación de riesgo que abarca los siguientes temas:

- Una descripción general de los requisitos de la normas de comunicación de riesgo de la Oregon OSHA.
- Las sustancias químicas que se hallan en el lugar de trabajo.
- El lugar y la disponibilidad del programa escrito de comunicación de riesgo.
- Los efectos físicos y a la salud de las sustancias químicas peligrosas.
- Los métodos utilizados y la técnica de observación para determinar la presencia o descarga de sustancias químicas peligrosas en el lugar de trabajo.
- Como reducir o impedir exposición a estas sustancias químicas peligrosas mediante el uso de prácticas de control y trabajo y equipo protector personal.
- Pasos que hemos tomado para reducir la exposición a estas sustancias químicas.
- Los procedimientos de emergencia a seguir si un trabajador se expone a estas sustancias químicas.
- Como leer etiquetas y revisar hojas de datos de seguridad de los materiales.

Después de asistir al adiestramiento, cada empleado firmará un formulario para verificar que entendieron los susodichos temas y como se relacionan los temas con el plan de comunicación de riesgo.

**Lista de sustancias químicas peligrosas** La lista que sigue identifica todas las sustancias químicas en este lugar de trabajo. [Incluya la lista de sustancias químicas peligrosas.]

Datos detallados acerca de los efectos físicos y a la salud de cada sustancia química están incluidos en la hoja de datos de seguridad del material. La identidad de cada sustancia química en la lista corresponde con la identidad de la sustancia química en su hoja de datos de seguridad del material. Las hojas de datos de seguridad de los materiales están disponibles inmediatamente a los trabajadores en sus áreas de trabajo. [Identificar donde y como los empleados pueden usar las hojas de datos de seguridad de los materiales.]

**Tareas peligrosas no rutinarias** Antes de que los trabajadores empiecen tareas no rutinarias que puedan exponerlos a sustancias químicas peligrosas, sus supervisores les informarán acerca de los peligros de las sustancias químicas. Los supervisores también les informarán acerca de las prácticas seguras de trabajo necesarias para controlar la exposición y que hacer en caso de una emergencia. Ejemplos de tareas no rutinarias que puedan exponer a los trabajadores a sustancias químicas peligrosas incluye lo siguiente: [Incluya ejemplos de tareas no rutinarias.]

**Sustancias químicas en tubería** Antes de desempeñar tareas laborales donde sustancias químicas se transfieren por tubería o donde la tubería esta aislada con material que contiene asbesto, los trabajadores se comunicarán con [Nombre de la persona] para los siguientes datos:

- Las sustancias químicas en la tubería.
- Los peligros físicos y a la salud de las sustancias químicas o del asbesto aislante.
- Las prácticas de trabajo seguro para prevenir exposición.

**Informando a contratistas** Es la responsabilidad de [Nombre de la persona] proporcionarle a los contratistas y a sus trabajadores la siguiente información si es que pudieran ser expuestos a sustancias químicas peligrosas en su lugar de trabajo:

- La identidad de las sustancias químicas, como revisar las hojas de datos de seguridad de los materiales, y una explicación del etiquetado de recipientes y de la tubería.
- Las prácticas de trabajo seguro para prevenir exposición.

Esta persona también obtendrá la hoja de datos de seguridad del material para cualquier sustancia química peligrosa que traiga el contratista al lugar de trabajo.

Mix  
truck  
-> NO  
eye  
wash

Page 76  
K7419-030-17

Gritz  
Equal power  
concrete, masonry



## GRASER Sarah E \* DCBS

---

**From:** GRASER Sarah E \* DCBS  
**Sent:** Friday, May 19, 2017 2:07 PM  
**To:** 'ekstrom.nsy@frontier.com'  
**Subject:** OR-OSHA Inspection Follow Up

Hi Rebecca,

Thank you for your time and assistance during the inspection yesterday. Here are some of the items that need follow up:

- 1.) Pesticide handler training-anyone who has applied(sprayed) a pesticide product which includes Round Up, needs handler training. Here is a link to the EPA video:  
<https://www.youtube.com/watch?v=f5PhWL0kRBw>

If you have workers that will never spray then they need to watch a field worker video.

<https://www.youtube.com/watch?v=FuttTYQhM4w&feature=youtu.be>

It sounds like some of this training may have already taken place within the past year. Please figure out if anyone needs it and make sure they see the correct video.

### 2.) Respiratory Protection

- a. Do you have a written program/policy about using respirators? If so please send a copy. If not I can provide a template.
- b. Do you have a medical evaluation for Jack that is specific to using respirators? This may have happened a long time ago since this isn't something that has to be done every year. If you have a letter from a doctor that says something to the effect of approving Jack to use respiratory protection that is what I'm looking for. If not we can talk next week.

- 3.) Fumigation-my understanding is that Trident was hired last year to do some fumigation. When did the last fumigation take place? Did they provide you with a document called a fumigation management plan? If so please provide it.

- 4.) Return Visit-I will be back next Wednesday May 24 at 9:00 a.m. We'll do interviews and take care of any loose ends.

Best,

Sarah Graser  
Oregon OSHA  
Industrial Hygienist  
Durham Plaza  
16760 SW Upper Boones Ferry Rd, Suite 200  
Tigard, OR 97224  
503-229-5910 Office  
971-673-2901 Fax

**GRASER Sarah E \* DCBS**

---

**From:** ekstrom.nsy@frontier.com  
**Sent:** Friday, May 19, 2017 10:35 AM  
**To:** GRASER Sarah E \* DCBS  
**Subject:** Form 300A  
**Attachments:** Osha 300A form 2014.pdf; osha 300A Form 2015.pdf; Osha 300A Form 2016.pdf; Osha hazcom-plan-english.doc; Osha hazcom-plan-spanish.doc

I have attached 3 years of reports. As you can see the dating changed from the way the previous book keeper did things. She dated reflecting the year of the report, I dated reflecting the year I was posting the report. It is pretty obvious since it would be impossible to report on 2017 at this point.

It was nice to meet you. We hope to get the final items you starred checked off prior to your next visit.

The sample Hazard plan is totally different from English to Spanish. I have made one in English, but I will need assistance to fill in the blanks on the Spanish version. I am attaching the English version for you to review. Maybe you can edit the Spanish version to match for me.

Thank you Rebecca.  
Ekstrom Nursery  
1600 SE 282nd Avenue  
Gresham OR 97080  
503-663-4035 Phone  
503-663-2898 Fax  
[www.ekstromnursery.com](http://www.ekstromnursery.com)

## GRASER Sarah E \* DCBS

---

**From:** GRASER Sarah E \* DCBS  
**Sent:** Tuesday, May 30, 2017 5:18 PM  
**To:** 'ekstrom.nsy@frontier.com'  
**Subject:** RE: OR OSHA Closing Conference

See you Thursday at 9:30 a.m.

Best,

Sarah Graser  
Oregon OSHA  
Industrial Hygienist  
Durham Plaza  
16760 SW Upper Boones Ferry Rd, Suite 200  
Tigard, OR 97224  
503-229-5910 Office  
971-673-2901 Fax

---

**From:** [ekstrom.nsy@frontier.com](mailto:ekstrom.nsy@frontier.com) [mailto:[ekstrom.nsy@frontier.com](mailto:ekstrom.nsy@frontier.com)]  
**Sent:** Friday, May 26, 2017 10:43 AM  
**To:** GRASER Sarah E \* DCBS  
**Subject:** Re: OR OSHA Closing Conference

Let's plan for 9:30 am - Thank You.

Rebecca  
Ekstrom Nursery  
1600 SE 282nd Avenue  
Gresham OR 97080  
503-663-4035 Phone  
503-663-2898 Fax  
[www.ekstromnursery.com](http://www.ekstromnursery.com)

On Friday, May 26, 2017 10:20 AM, GRASER Sarah E \* DCBS <[Sarah.E.Graser@oregon.gov](mailto:Sarah.E.Graser@oregon.gov)> wrote:

Hi Rebecca and Don,

The next step is to close the inspection. It should take about 20-30 minutes. Are you available Thursday June 1? I am free any time between 9:30 a.m.-1:30 p.m. Let me know if something during that time frame works. If not please offer some alternative dates/times. Also, your Spanish hazard communication program is attached.

Best,



Sarah Graser  
Oregon OSHA  
Industrial Hygienist  
Durham Plaza  
16760 SW Upper Boones Ferry Rd, Suite 200  
Tigard, OR 97224  
503-229-5910 Office  
971-673-2901 Fax

**Oregon Department of Consumers and Business Services**  
Oregon Occupational Safety and Health Division (OR-OSHA)



**Inspection Report**

Thu Jun 01, 2017 01:59 PM

\$546

Rpt ID	CSHO ID	Supervisor ID	Inspection No.	Opt. Insp. No.
1054191	K7419	Q2473	317716566(91) ✓	K7419-030-17

Establishment Name	Ekstrom Nursery Inc ✓			
Site Address ✓	1600 SE 282nd Ave Gresham, OR 97080	Site Phone	(503)663-4035	Site FAX
Mailing Address ✓	1600 SE 282nd Ave Gresham, OR 97080	Mail Phone		Mail FAX
Controlling Corp	Donald E Ekstrom <i>President</i>	Employer ID	8200354-000 ✓	
Ownership	A. PRIVATE SECTOR ✓			
Legal Entity	CORPORATION ✓			

Employed in Establishment	27	Advance Notice?		Category	Health ✓
Covered by Inspection	27	Union?		Interviewed?	Yes
Controlled by Employer	27	Walkaround?			
Primary NAICS	444220 ✓	NAICS Inspected	444220 ✓		

Inspection Type	Programmed Planned ✓
Reason No Inspection	
Scope of Inspection	Partial Inspection ✓
Classification	Health Manufacturing ✓

Anticipatory Warrant Served?		Denial Date	Date ReEntered	Date ReDenial	ReEntered
Anticipatory Supoena Served?					

Entry		First Closing Conference	06/01/2017 ✓
Opening Conference	05/18/2017 ✓	Second Closing Conf.	
Walkaround		Exit	
Days On Site	3	Case Closed	11-21-17
		Citations Issued	Yes

Local Emphasis
PESTICIDE - PESTICIDE HANDLING AND APPLICATION ✓

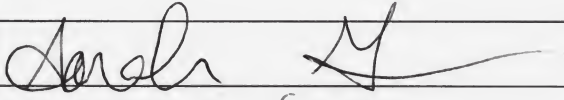

Optional Information		
Type	ID	Description
S	1	02-1 ✓
S	12	Jack Roher ✓
S	4	Spanish-2 ✓
S	6	FIXED ✓
S	8	WPS-1 ✓

**Oregon Department of Consumers and Business Services**  
Oregon Occupational Safety and Health Division (OR-OSHA)



**Inspection Report**

Thu Jun 01, 2017 01:59 PM

CSHO Signature		Date	6/1/17
Manager Signature		Date	6/6/17

JUN 8'17 OR OSHA SCD